LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.372	3	10	18	rBV	73375	77466	0.03%	0.010%
2	1.617	75	86	100	rBV2	23237842	25876306	10.32%	3.350%
3	1.745	120	126	136	rVB	306611	347466	0.14%	0.045%
4	1.793	136	141	152	rVB3	36166	41878	0.02%	0.005%
5	1.951	175	190	205	rVB2	2268567	3305680	1.32%	0.428%
6	2.182	255	262	275	rVB2	41850	74568	0.03%	0.010%
7	2.266	276	288	308	rBV	747145	1064989	0.42%	0.138%
8	2.498	348	360	375	rBV2	52678	102505	0.04%	0.013%
9	2.607	377	394	405	rBV	5756203	10504602	4.19%	1.360%
10	2.713	418	427	441	rVB	763078	1300962	0.52%	0.168%
11	2.829	457	463	481	rVB	33864	62464	0.02%	0.008%
12	2.980	502	510	523	rVB	37408	68583	0.03%	0.009%
13	3.076	524	540	571	rVV2	32165531	60890123	24.29%	7.883%
14	3.221	573	585	608	rVB	98356	237525	0.09%	0.031%
15	3.398	624	640	674	rVB	829946	2075998	0.83%	0.269%
16	3.735	730	745	762	rVB2	18599	48822	0.02%	0.006%
17	3.915	777	801	839	rBV	7829680	19664097	7.85%	2.546%
18	4.173	867	881	894	rVV4	21121	49669	0.02%	0.006%
19	4.610	993	1017	1029	rBV	512621	1276012	0.51%	0.165%
20	4.716	1029	1050	1102	rVB5	79956132	208626107	83.23%	27.009%
21	5.022	1134	1145	1157	rBV3	71242	156914	0.06%	0.020%
22	5.105	1158	1171	1199	rVB	421376	992621	0.40%	0.129%
23	5.359	1228	1250	1280	rBV	25811316	57084161	22.77%	7.390%
24	5.761	1354	1375	1387	rBV3	1179727	3001854	1.20%	0.389%
25	5.825	1388	1395	1419	rVV3	217220	532065	0.21%	0.069%
26	5.935	1420	1429	1443	rVB2	39090	84950	0.03%	0.011%
27	6.189	1489	1508	1522	rBV	77621	157732	0.06%	0.020%
28	6.282	1522	1537	1554	rVB	770807	1453236	0.58%	0.188%
29	6.591	1601	1633	1662	rBV5	111642775	250650243	100.00%	32.449%
30	6.726	1664	1675	1689	rVB	581836	1104800	0.44%	0.143%
31	6.832	1703	1708	1724	rVB2	138809	245596	0.10%	0.032%
32	6.992	1740	1758	1783	rVB	278339	554940	0.22%	0.072%
33	7.279	1835	1847	1861	rVB2	59287	105259	0.04%	0.014%
34	7.591	1930	1944	1955	rBV	364988	629434	0.25%	0.081%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Title : VOC Analysis

35	7.703	1970	1979	1994	rBV3	43936	79089	0.03%	0.010%
36	7.819	2002	2015	2027	rBV	293663	499949	0.20%	0.065%
37	7.922	2028	2047	2058	rVV	1193364	2030345	0.81%	0.263%
38	7.992	2058	2069	2081	rVV	2998267	5001237	2.00%	0.647%
39	8.057	2081	2089	2102	rVB	187292	322857	0.13%	0.042%
40	8.201	2121	2134	2145	rBV	265029	434163	0.17%	0.056%
41	8.423	2181	2203	2217	rBV	490293	848023	0.34%	0.110%
42	8.513	2219	2231	2240	rBV2	25821	46107	0.02%	0.006%
43	8.574	2240	2250	2261	rVB3	47465	81595	0.03%	0.011%
44	8.655	2261	2275	2286	rBV	1106086	1883997	0.75%	0.244%
45	8.800	2307	2320	2331	rBV9	20914	44795	0.02%	0.006%
46	9.060	2390	2401	2415	rVV	97428	158224	0.06%	0.020%
47	9.295	2460	2474	2484	rBV	261210	488438	0.19%	0.063%
48	9.436	2506	2518	2541	rVB	1152465	1874880	0.75%	0.243%
49	9.590	2541	2566	2588	rBV	10444644	16403509	6.54%	2.124%
50	9.713	2588	2604	2617	rVV2	33853063	54584686	21.78%	7.066%
51	9.777	2617	2624	2638	rVB	423414	702430	0.28%	0.091%
52	10.118	2709	2730	2748	rBV	11666688	17911711	7.15%	2.319%
53	10.250	2760	2771	2783	rBV	111244	168399	0.07%	0.022%
54	10.359	2794	2805	2817	rBV9	15472	32618	0.01%	0.004%
55	10.497	2835	2848	2861	rVV	1206710	1657442	0.66%	0.215%
56	10.590	2861	2877	2892	rVV	296538	546130	0.22%	0.071%
57	10.770	2922	2933	2946	rVB	413598	650810	0.26%	0.084%
58	10.922	2964	2980	2997	rBV2	393693	950135	0.38%	0.123%
59	11.008	2997	3007	3025	rVB2	149014	318311	0.13%	0.041%
60	11.102	3025	3036	3052	rBV2	69843	123647	0.05%	0.016%
61	11.304	3086	3099	3114	rVB2	76058	136499	0.05%	0.018%
62	11.481	3141	3154	3167	rBV2	460075	795413	0.32%	0.103%
63	11.584	3178	3186	3195	rBV2	55476	78123	0.03%	0.010%
64	11.655	3196	3208	3217	rVB4	27521	52056	0.02%	0.007%
65	11.822	3245	3260	3274	rVB2	1121800	1947159	0.78%	0.252%
66	11.905	3274	3286	3304	rBV	244634	451642	0.18%	0.058%
67	12.028	3315	3324	3332	rBV	85154	122939	0.05%	0.016%
68	12.105	3332	3348	3366	rVB	553450	907846	0.36%	0.118%
69	12.204	3366	3379	3389	rBV	1138987	1843650	0.74%	0.239%
70	12.250	3389	3393	3405	rVB2	82332	117942	0.05%	0.015%
71	12.320	3405	3415	3426	rBV9	26101	64978	0.03%	0.008%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Title : VOC Analysis

72	12.385	3426	3435	3448	rVB3	41903	81463	0.03%	0.011%
73	12.465	3449	3460	3469	rBV4	102724	216351	0.09%	0.028%
74	12.536	3478	3482	3489	rVB8	28075	36271	0.01%	0.005%
75	12.584	3489	3497	3505	rVB	73292	100724	0.04%	0.013%
76	12.696	3524	3532	3538	rBV2	49944	79833	0.03%	0.010%
77	12.793	3553	3562	3569	rBV	75672	112828	0.05%	0.015%
78	12.889	3583	3592	3602	rVB4	19194	36080	0.01%	0.005%
79	12.970	3603	3617	3634	rVV	545760	1035930	0.41%	0.134%
80	13.047	3636	3641	3651	rVB3	47836	75964	0.03%	0.010%
81	13.185	3675	3684	3693	rBV4	58026	91179	0.04%	0.012%
82	13.282	3704	3714	3721	rBV	72336	109533	0.04%	0.014%
83	13.426	3748	3759	3766	rBV2	198164	324110	0.13%	0.042%
84	13.475	3767	3774	3783	rVV3	238559	390183	0.16%	0.051%
85	13.539	3783	3794	3806	rVV	514265	904275	0.36%	0.117%
86	13.600	3807	3813	3821	rVB2	30157	43019	0.02%	0.006%
87	13.725	3839	3852	3857	rBV	234786	383137	0.15%	0.050%
88	13.764	3857	3864	3876	rVB	418384	691807	0.28%	0.090%
89	13.864	3886	3895	3906	rBV8	63519	120427	0.05%	0.016%
90	14.050	3943	3953	3962	rBV8	29270	54740	0.02%	0.007%
91	14.111	3962	3972	3982	rBV	139225	221213	0.09%	0.029%
92	14.217	3993	4005	4016	rBV3	40323	74158	0.03%	0.010%
93	14.314	4023	4035	4045	rBV3	44743	82058	0.03%	0.011%
94	14.545	4088	4107	4119	rBV5	35381	80331	0.03%	0.010%
95	14.700	4145	4155	4168	rBV4	24297	47539	0.02%	0.006%
96	14.909	4213	4220	4233	rVB5	23949	41461	0.02%	0.005%
97	15.056	4255	4266	4276	rBV6	14427	31961	0.01%	0.004%
98	15.259	4314	4329	4338	rBV5	28582	63660	0.03%	0.008%
99	15.449	4378	4388	4399	rBV4	31087	59383	0.02%	0.008%
100	15.963	4536	4548	4567	rBV8	14202	43737	0.02%	0.006%

Sum of corrected areas: 772444756

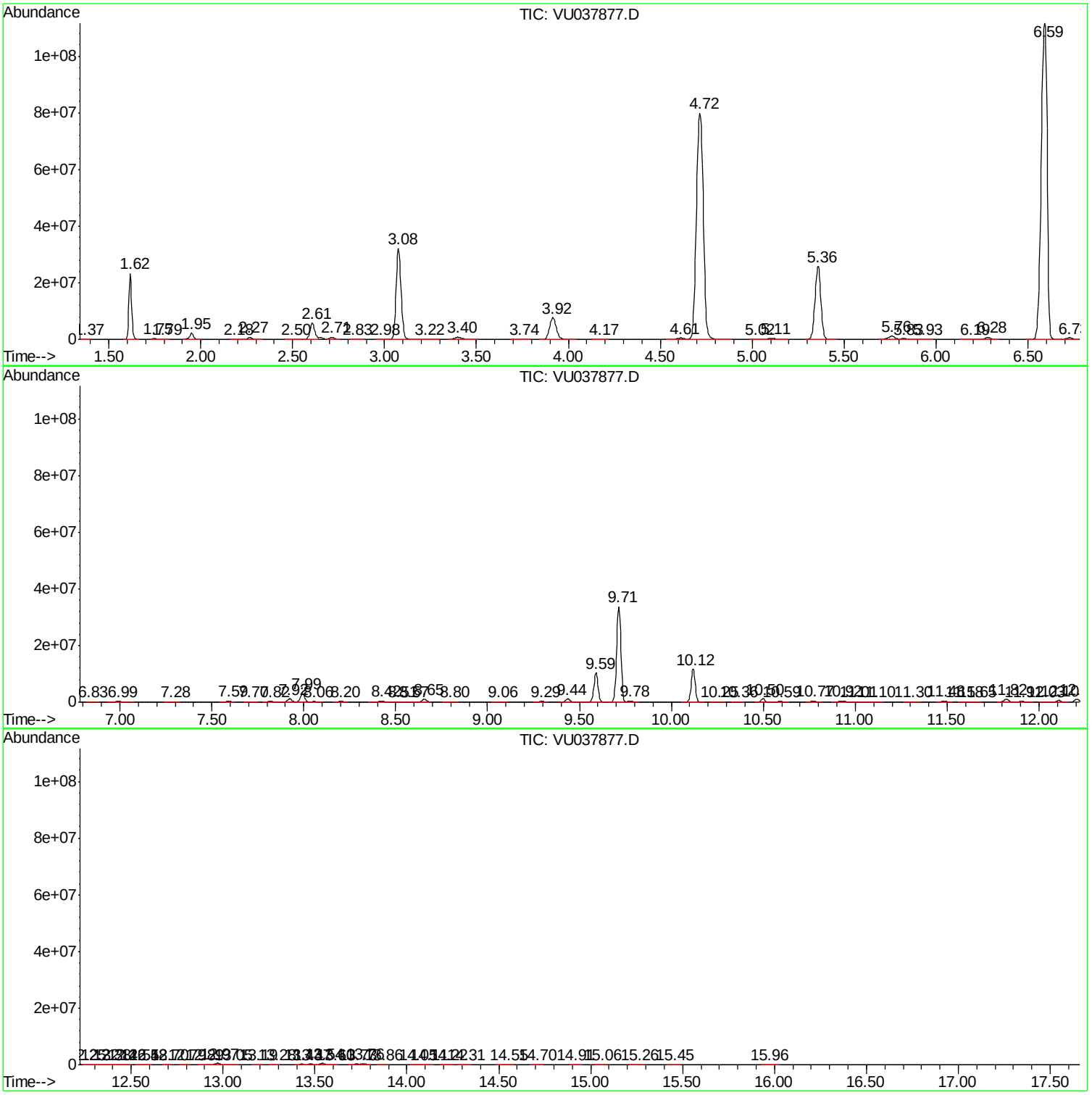
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

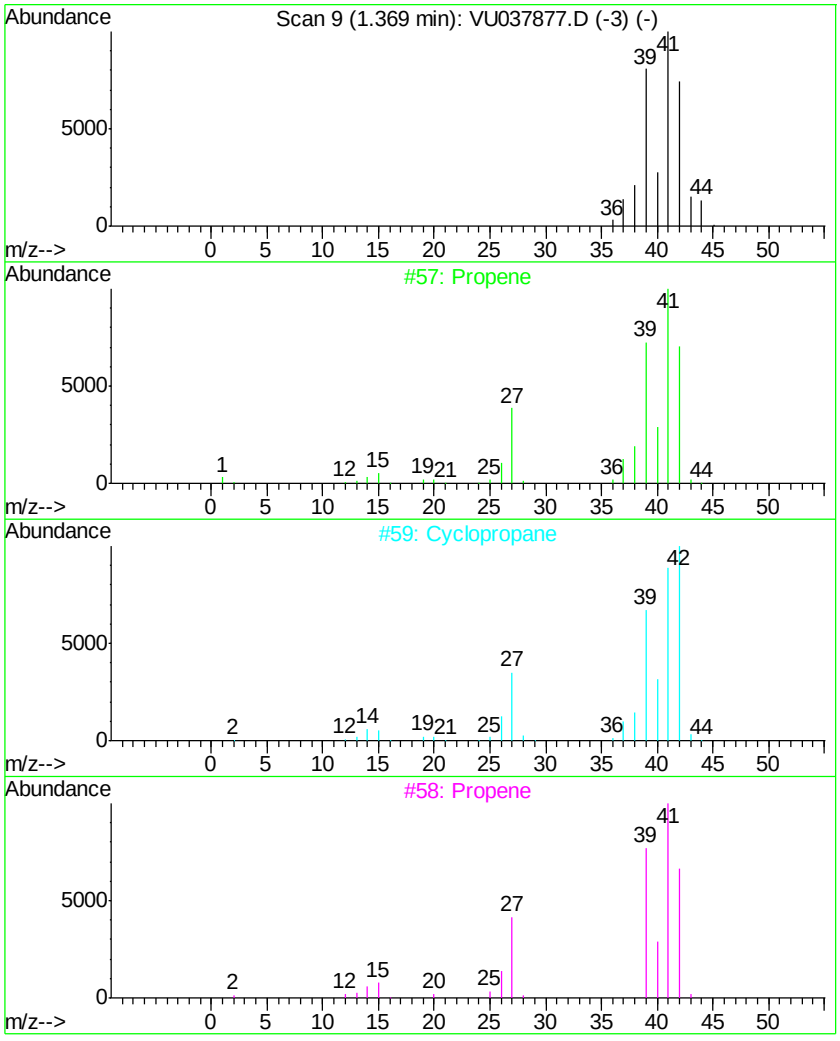
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

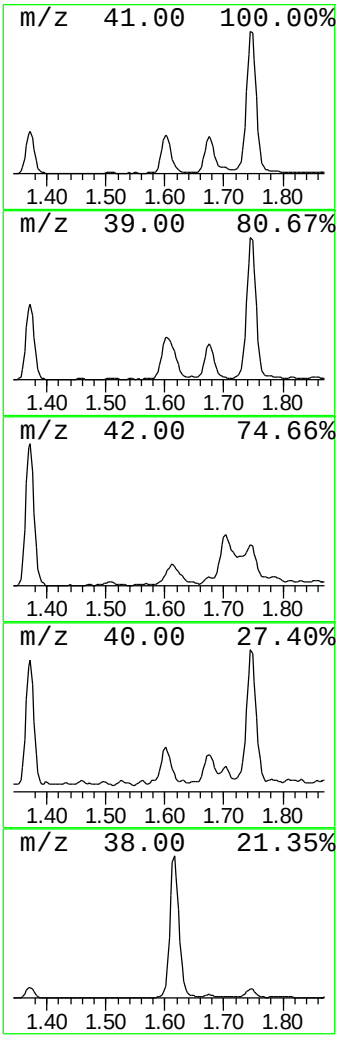
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	2.67 ug/L	77466	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	64
3	Propene	42	C3H6	000115-07-1	45
4	Cyclopropene	40	C3H4	002781-85-3	10
5	Cyclopropane	42	C3H6	000075-19-4	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

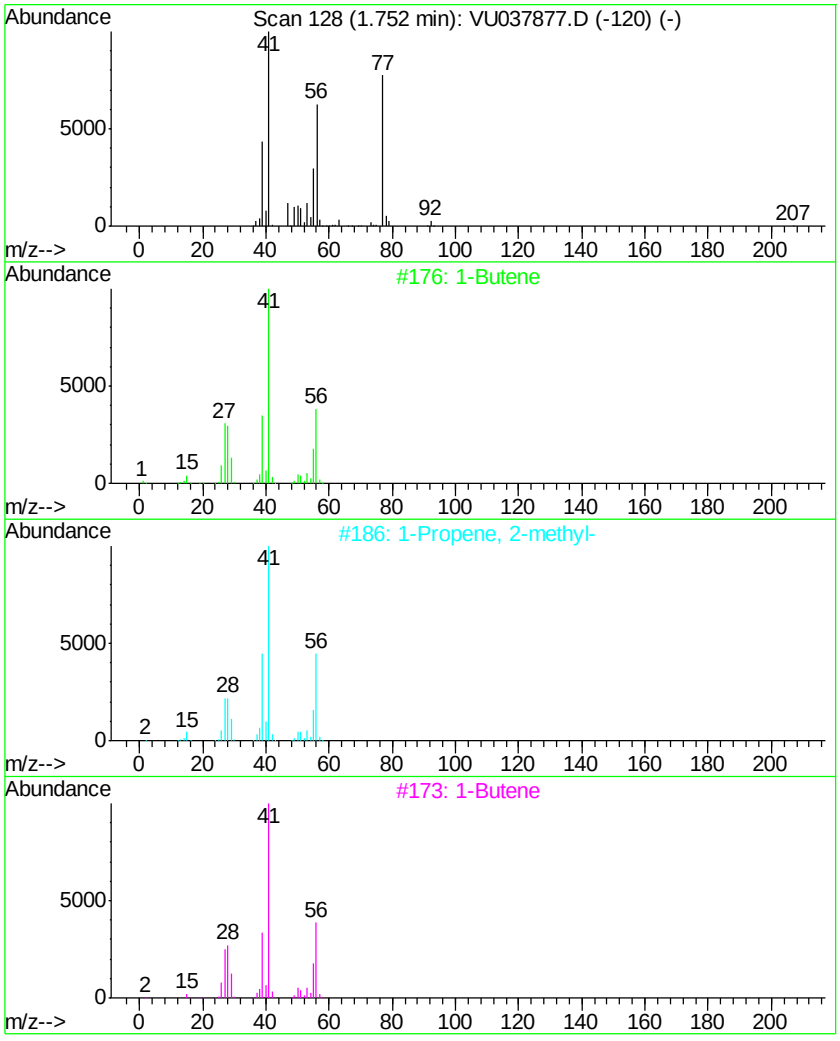
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

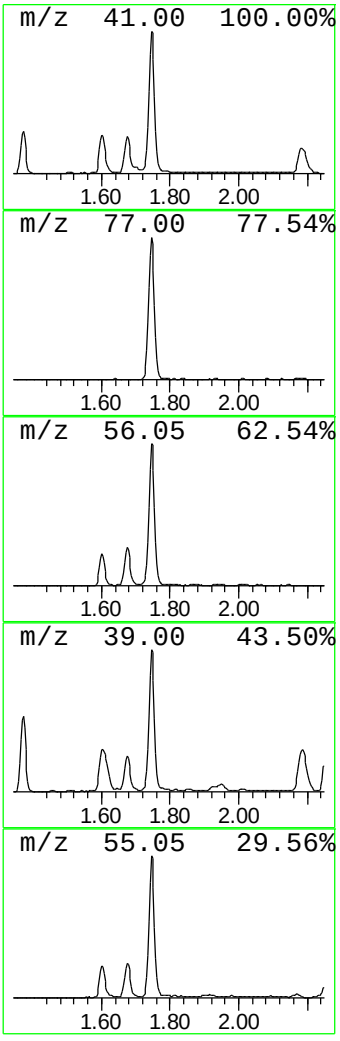
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	11.95 ug/L	347466	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	43
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	43
3	1-Butene	56	C4H8	000106-98-9	43
4	1-Butene	56	C4H8	000106-98-9	43
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

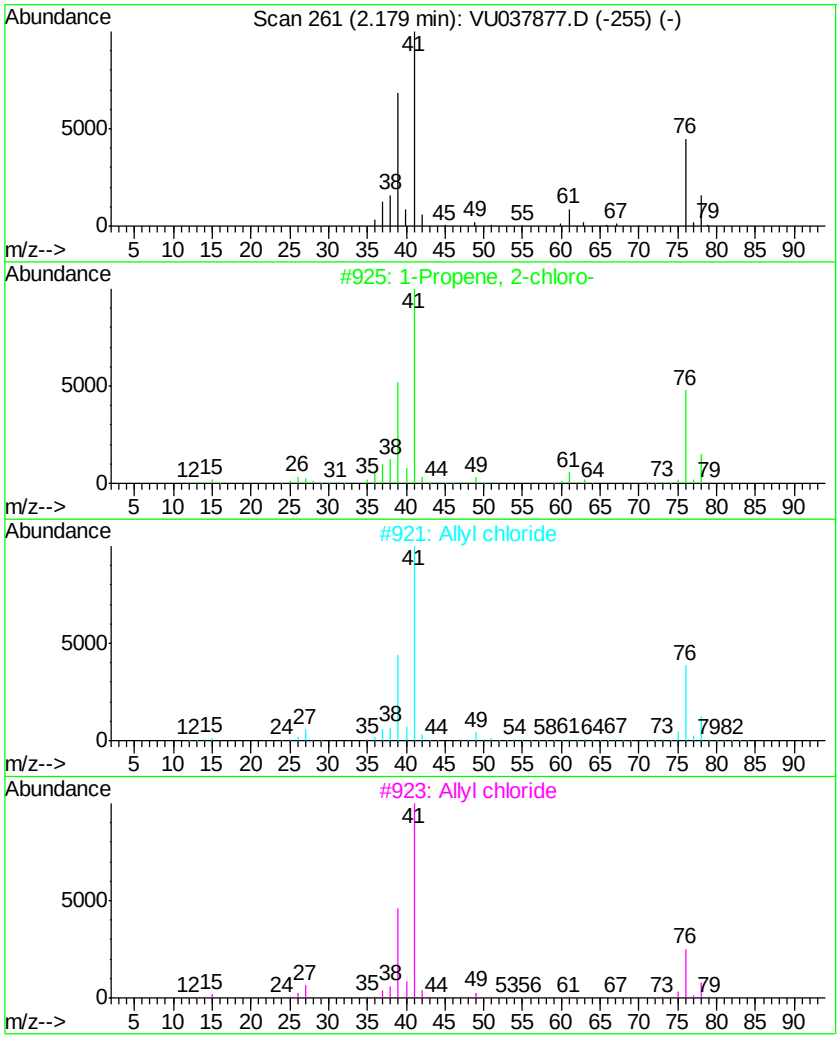
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

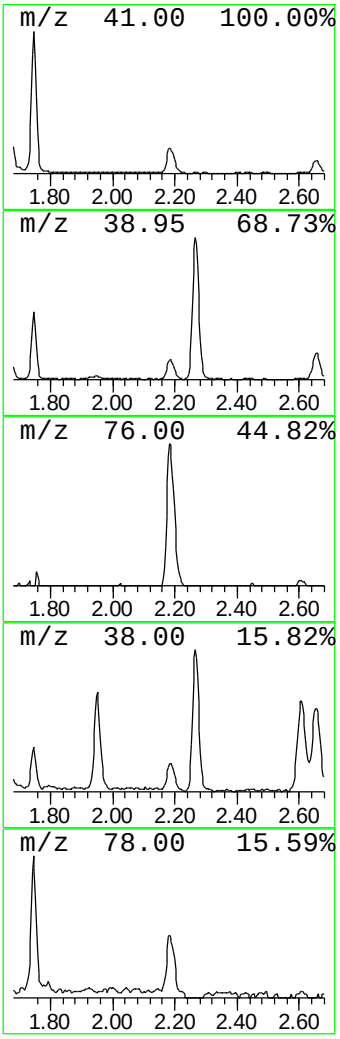
****

Peak Number 3 1-Propene, 2-chloro- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	2.57 ug/L	74568	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	68
2	Allyl chloride	76	C3H5Cl	000107-05-1	64
3	Allyl chloride	76	C3H5Cl	000107-05-1	64
4	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	64
5	1-Propene, 1-chloro-, (Z)-	76	C3H5Cl	016136-84-8	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

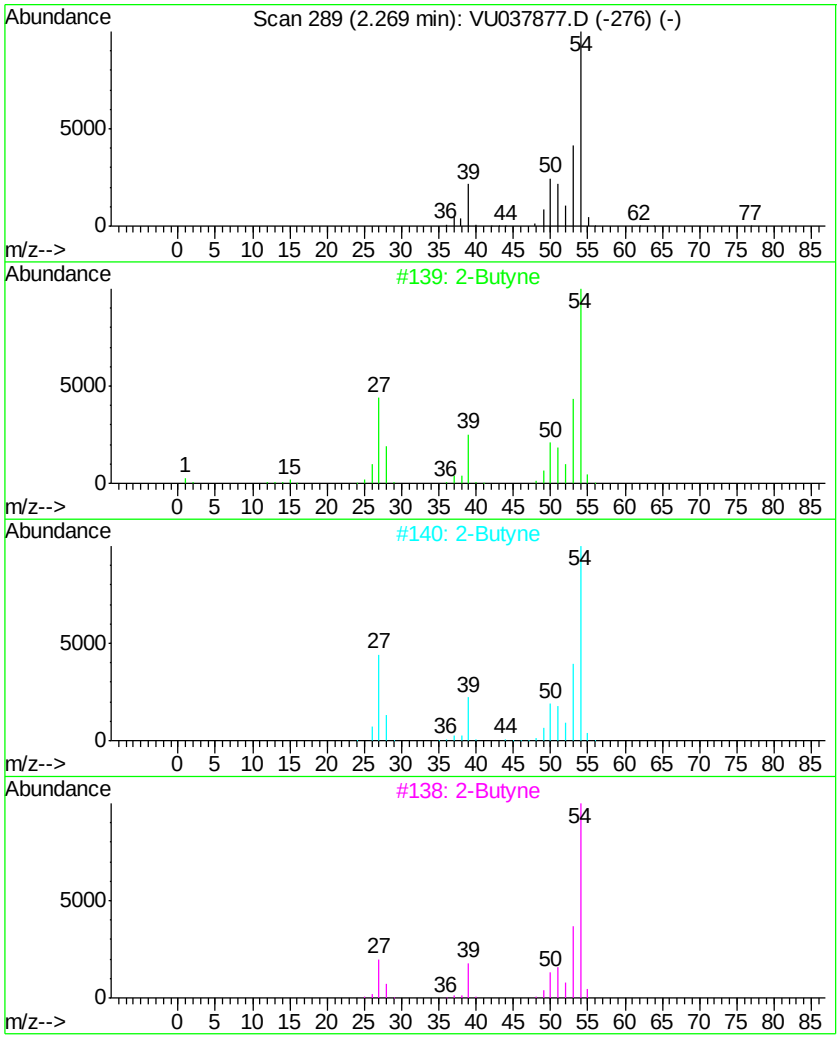
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

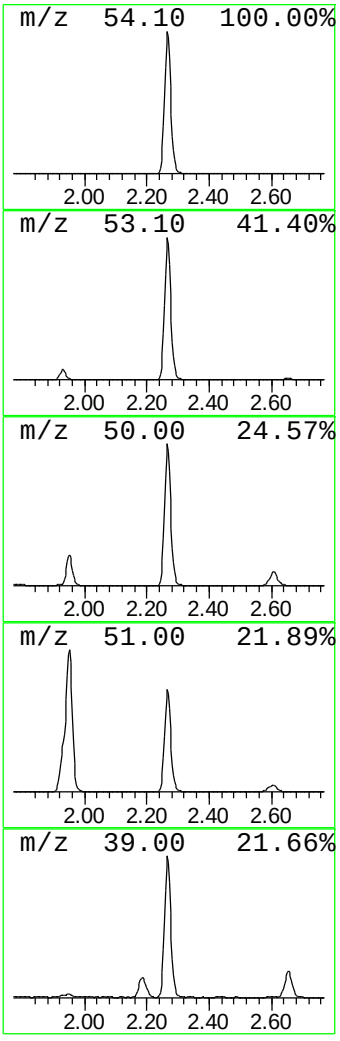
****

Peak Number 4 2-Butyne Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	36.64 ug/L	1064990	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne	54	C4H6	000503-17-3	87
2	2-Butyne	54	C4H6	000503-17-3	86
3	2-Butyne	54	C4H6	000503-17-3	86
4	1,2-Butadiene	54	C4H6	000590-19-2	78
5	1,2-Butadiene	54	C4H6	000590-19-2	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

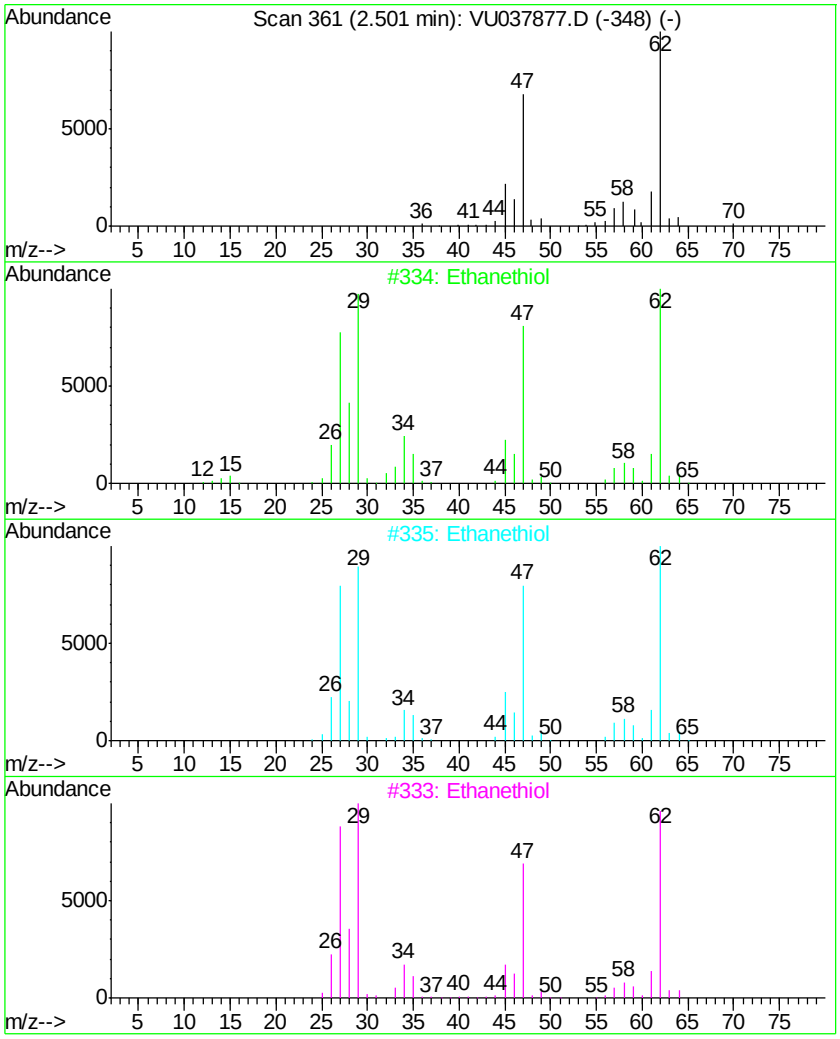
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

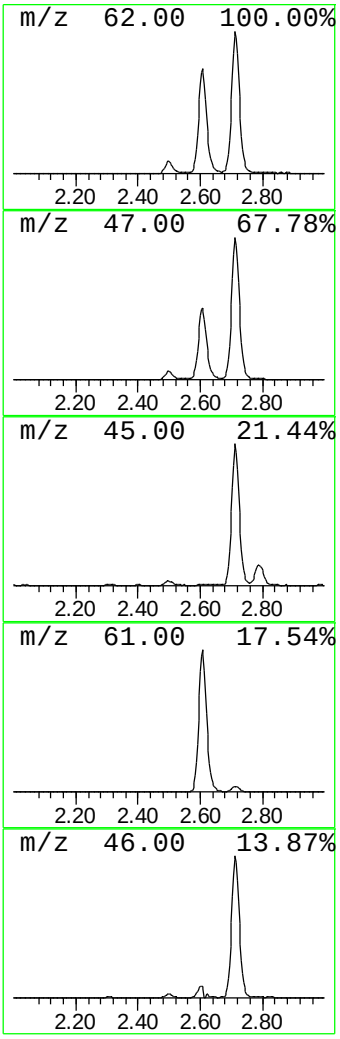
****

Peak Number 5 Ethanethiol Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.50	3.53 ug/L	102505	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	91
2	Ethanethiol	62	C2H6S	000075-08-1	91
3	Ethanethiol	62	C2H6S	000075-08-1	91
4	Ethanethiol	62	C2H6S	000075-08-1	91
5	Ethanethiol	62	C2H6S	000075-08-1	91





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Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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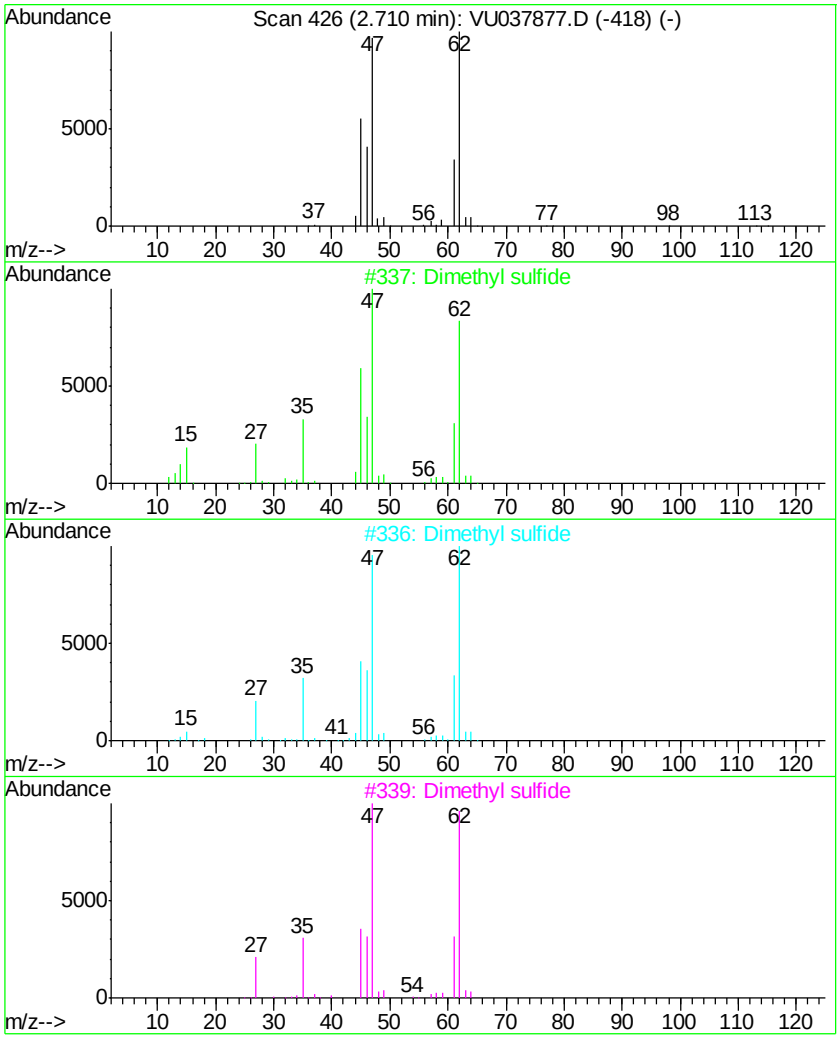
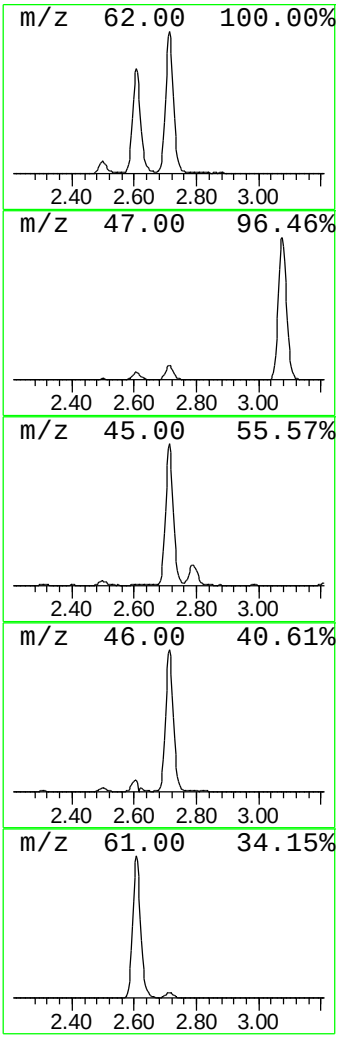
Peak Number 6 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	44.76 ug/L	1300960	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Dimethyl sulfide	62	C2H6S	000075-18-3	94
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83





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Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

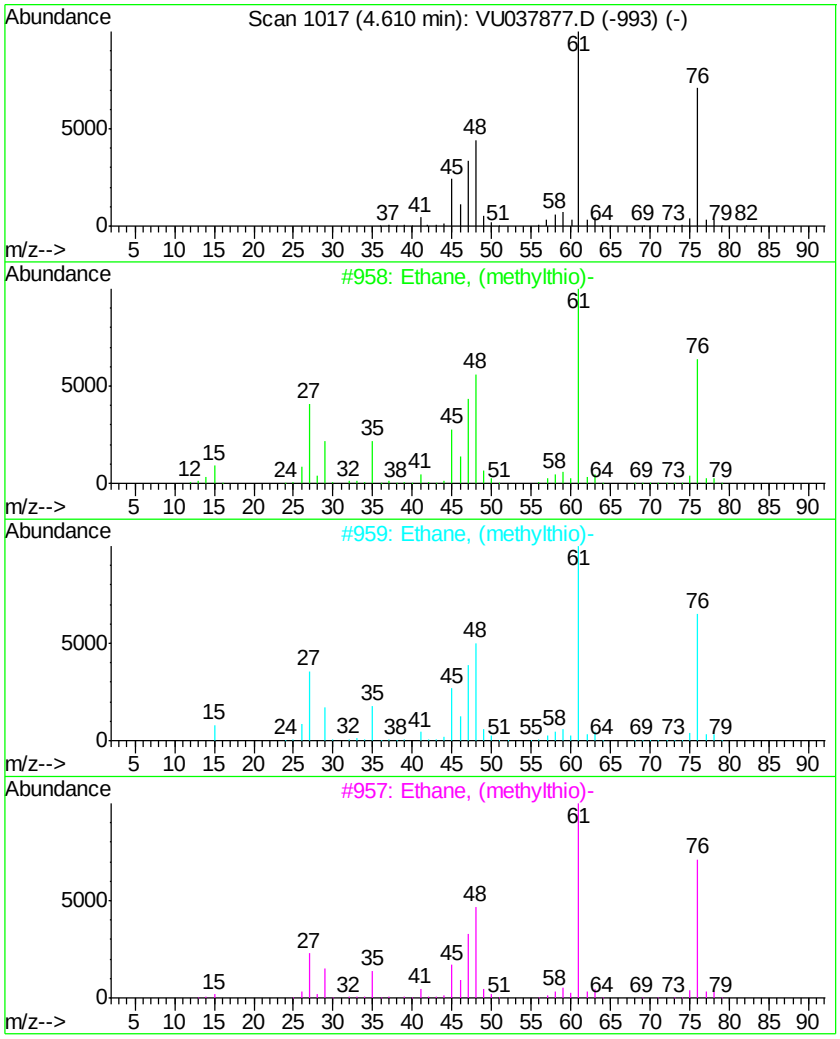
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

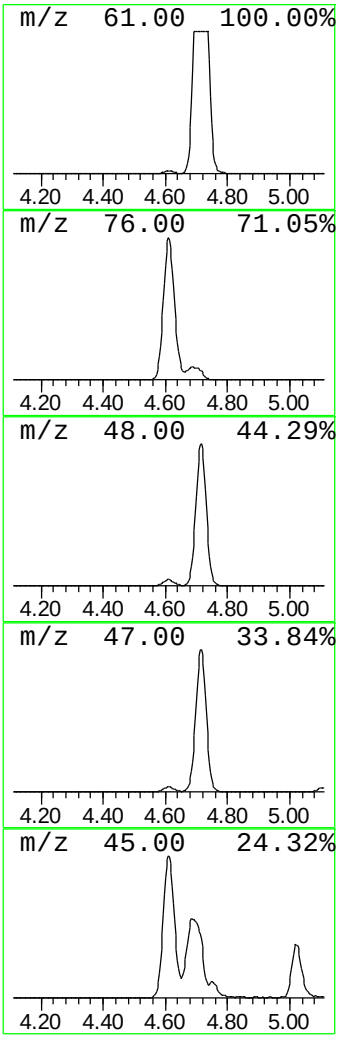
****

Peak Number 8 Ethane, (methylthio)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.61	43.90 ug/L	1276010	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
2	Ethane, (methylthio)-	76	C3H8S	000624-89-5	95
3	Ethane, (methylthio)-	76	C3H8S	000624-89-5	90
4	Trimethylphosphine	76	C3H9P	000594-09-2	58
5	p-Dithiane-2,5-diol	152	C4H8O2S2	040018-26-6	35





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Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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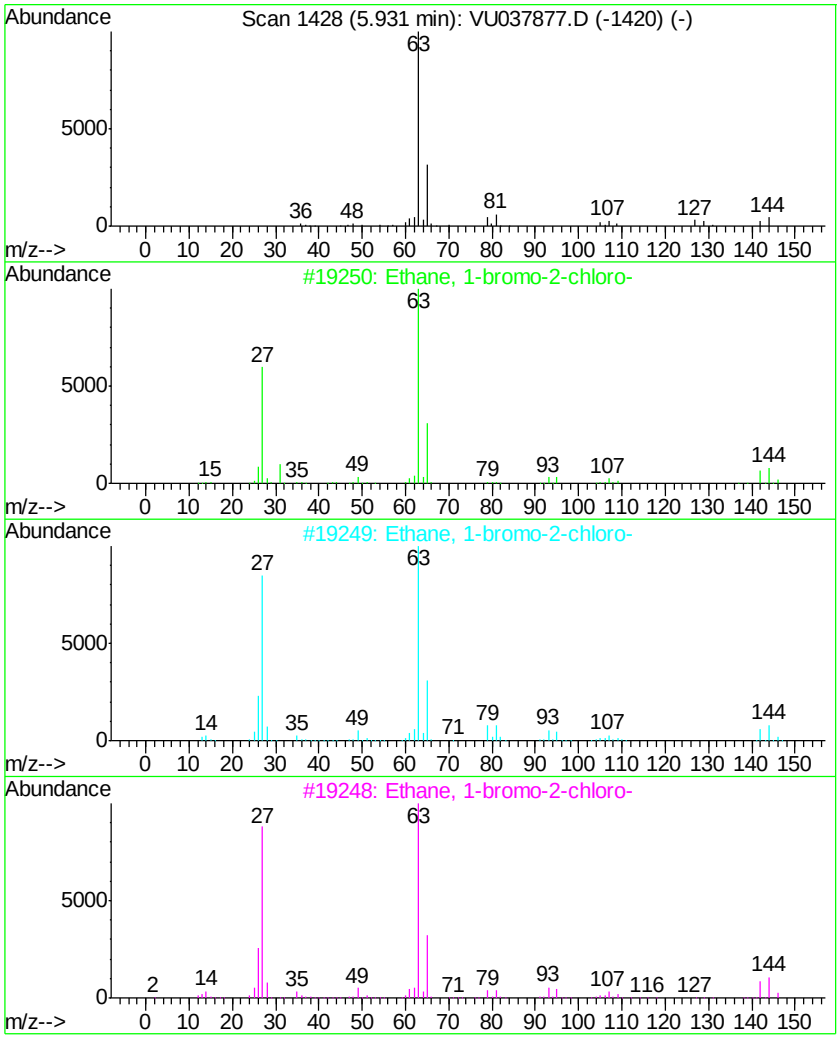
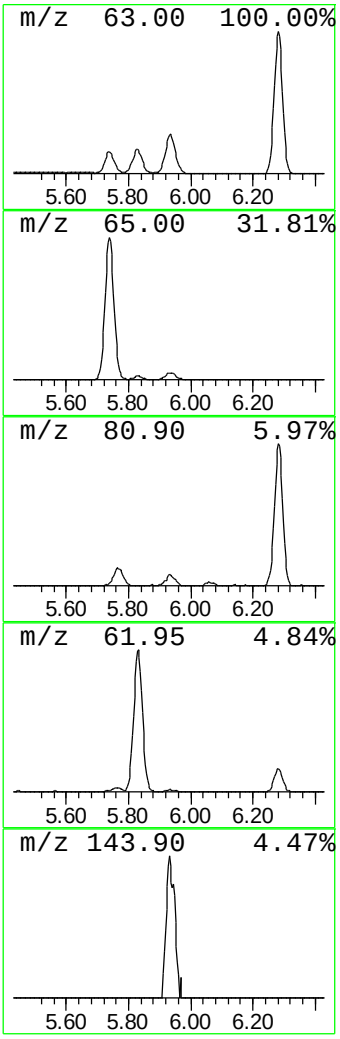
Peak Number 9 Ethane, 1-bromo-2-chloro- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.92 ug/L	84950	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	83
2	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	83
3	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	83
4	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	83
5	2-Chloropropionyl chloride	126	C3H4Cl2O	007623-09-8	74





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Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

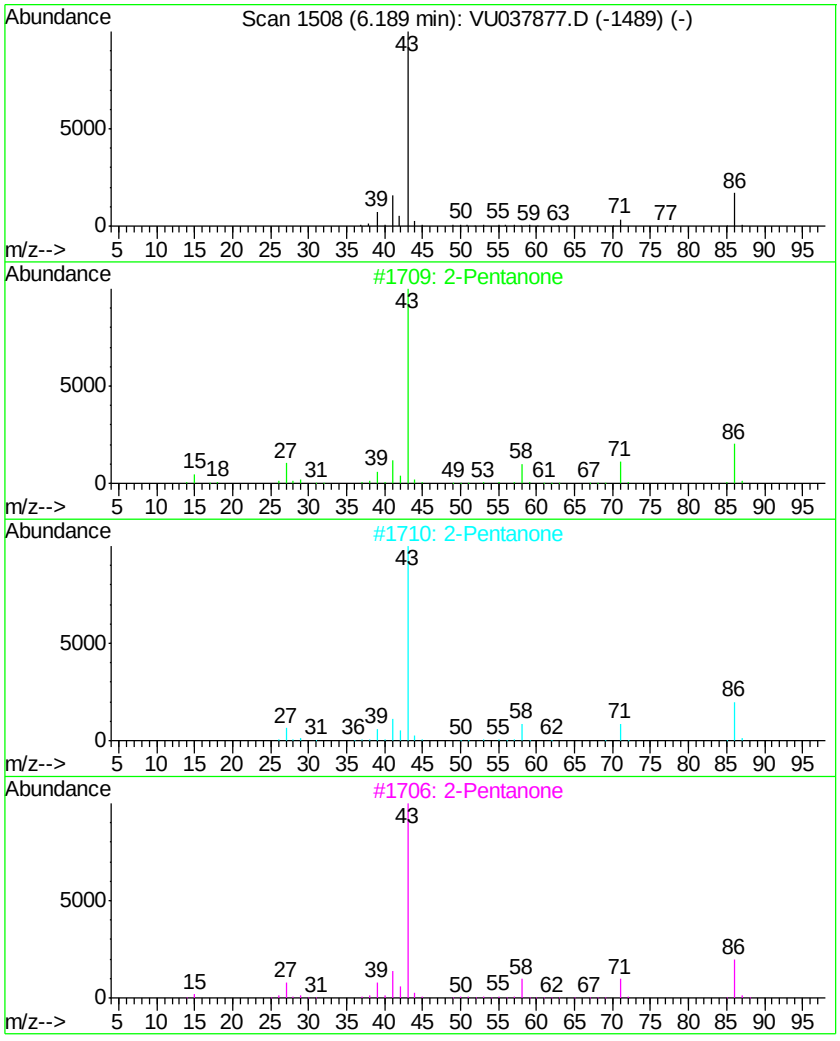
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

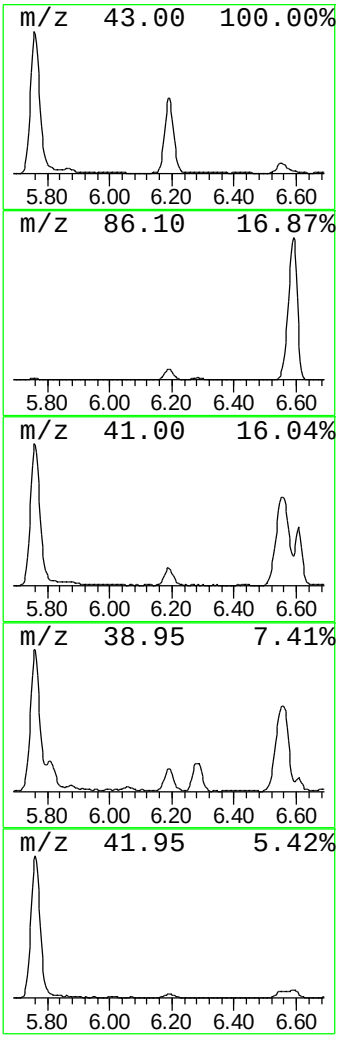
****

Peak Number 10 2-Pentanone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	5.43 ug/L	157732	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	72
2	2-Pentanone	86	C5H10O	000107-87-9	64
3	2-Pentanone	86	C5H10O	000107-87-9	64
4	2,3-Butanedione	86	C4H6O2	000431-03-8	53
5	2,3-Butanedione	86	C4H6O2	000431-03-8	43





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Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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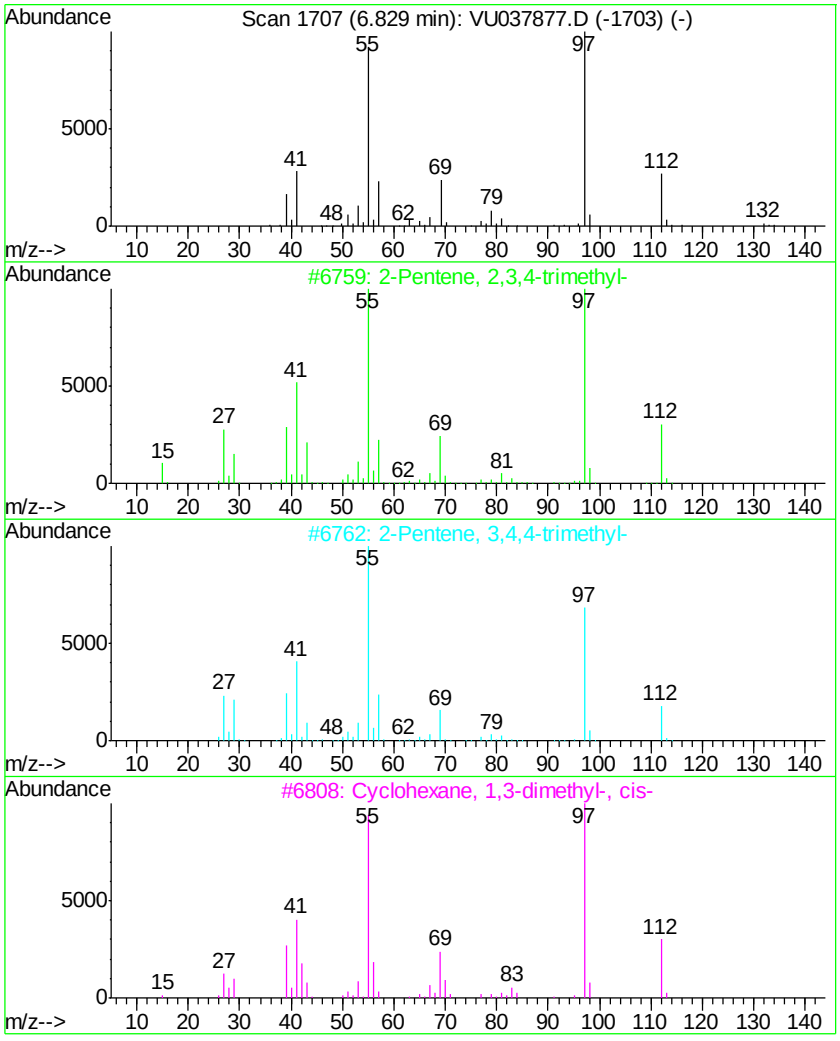
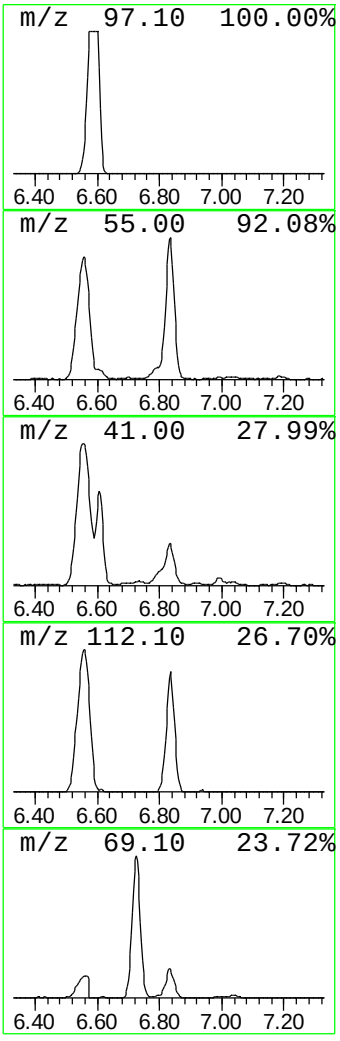
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	8.45 ug/L	245596	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	90
2	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	87
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	86
4	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	86
5	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	86





Library Search Compound Report

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Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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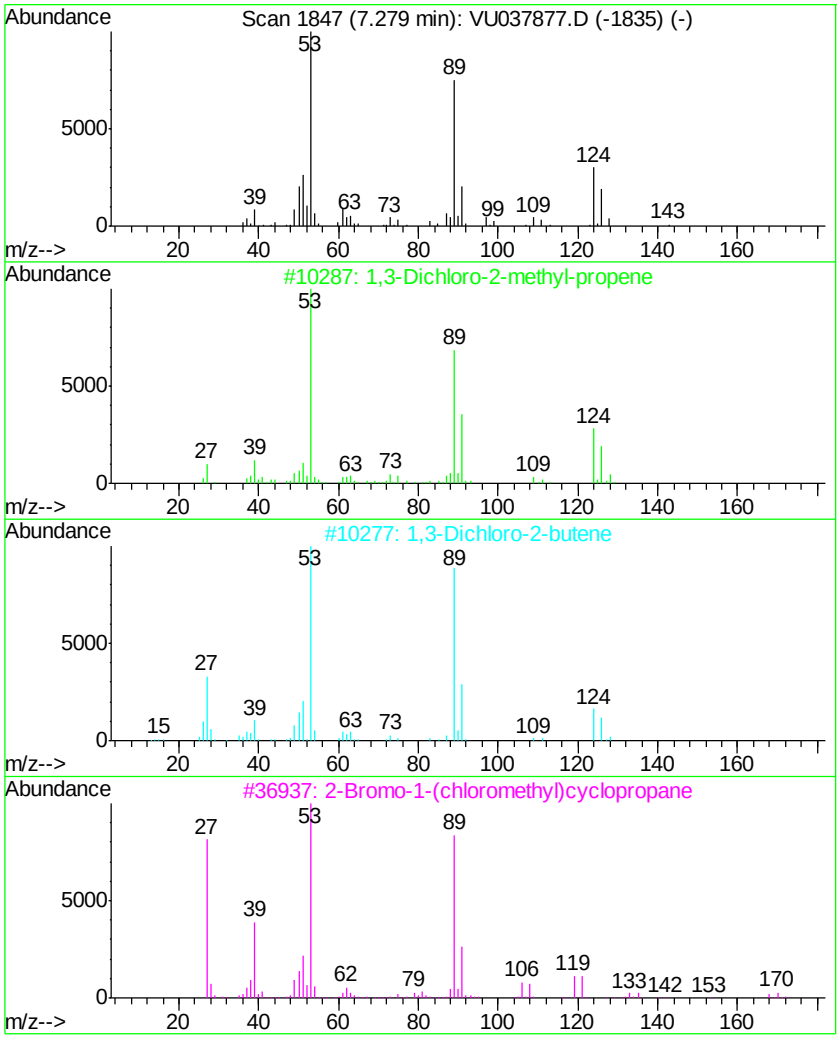
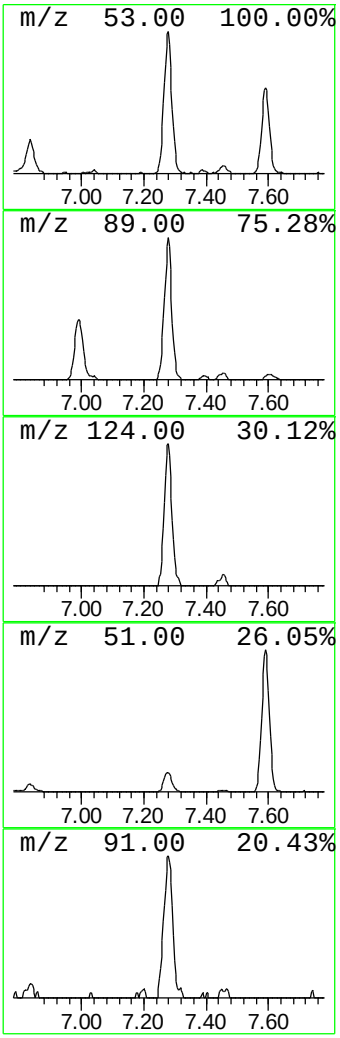
Peak Number 13 1,3-Dichloro-2-methyl-propene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	3.62 ug/L	105259	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dichloro-2-methyl-propene	124	C4H6Cl2	1000194-02-2	87
2	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	78
3	2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	78
4	Thiopropionamide	89	C3H7NS	000631-58-3	35
5	Carbonochloridothioic acid, S-et...	124	C3H5ClOS	002941-64-2	35





Library Search Compound Report

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Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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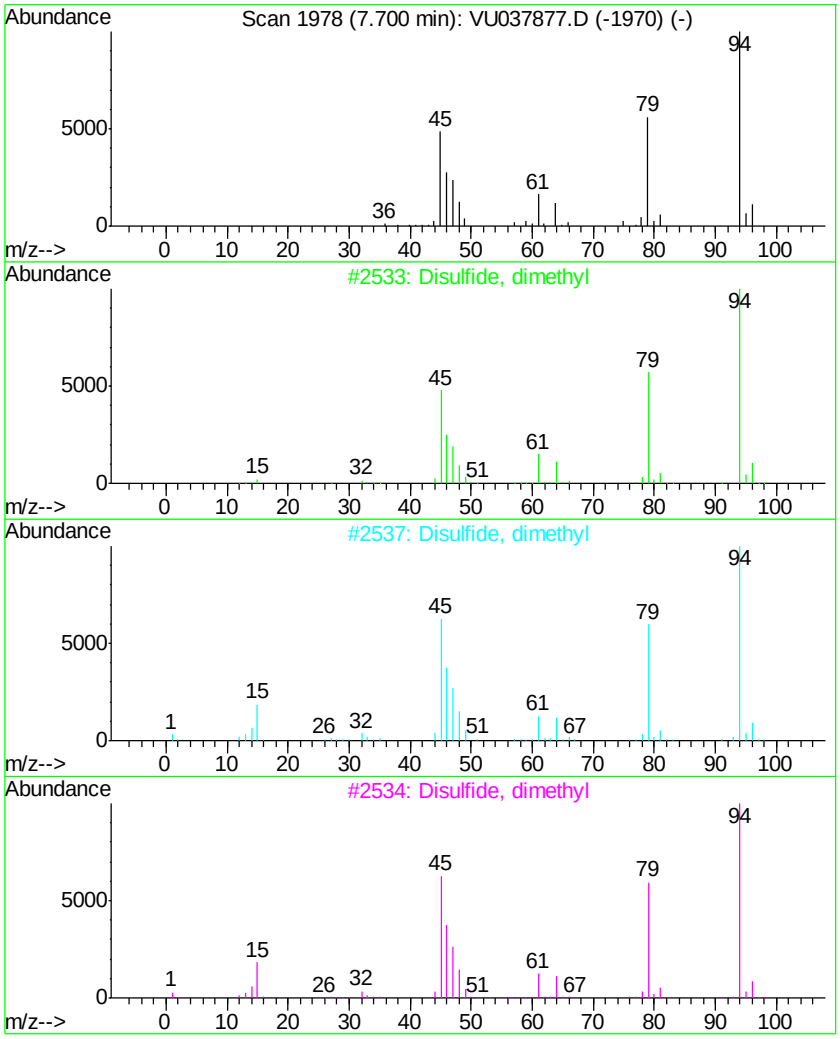
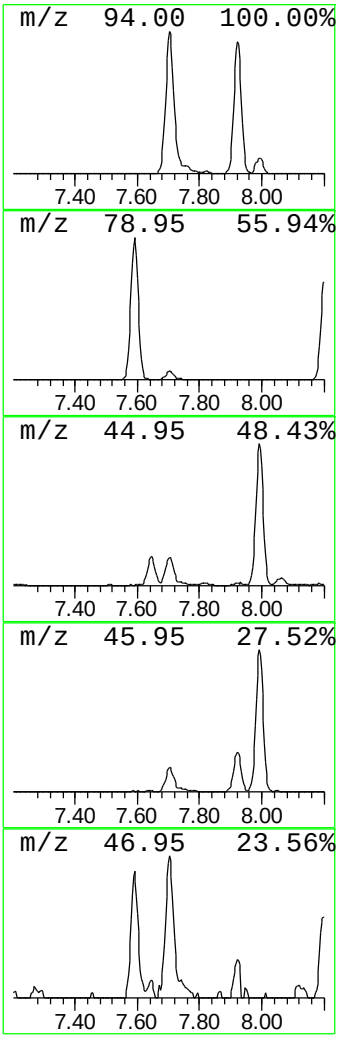
Peak Number 15 Disulfide, dimethyl Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	2.72 ug/L	79089	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95





Library Search Compound Report

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Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

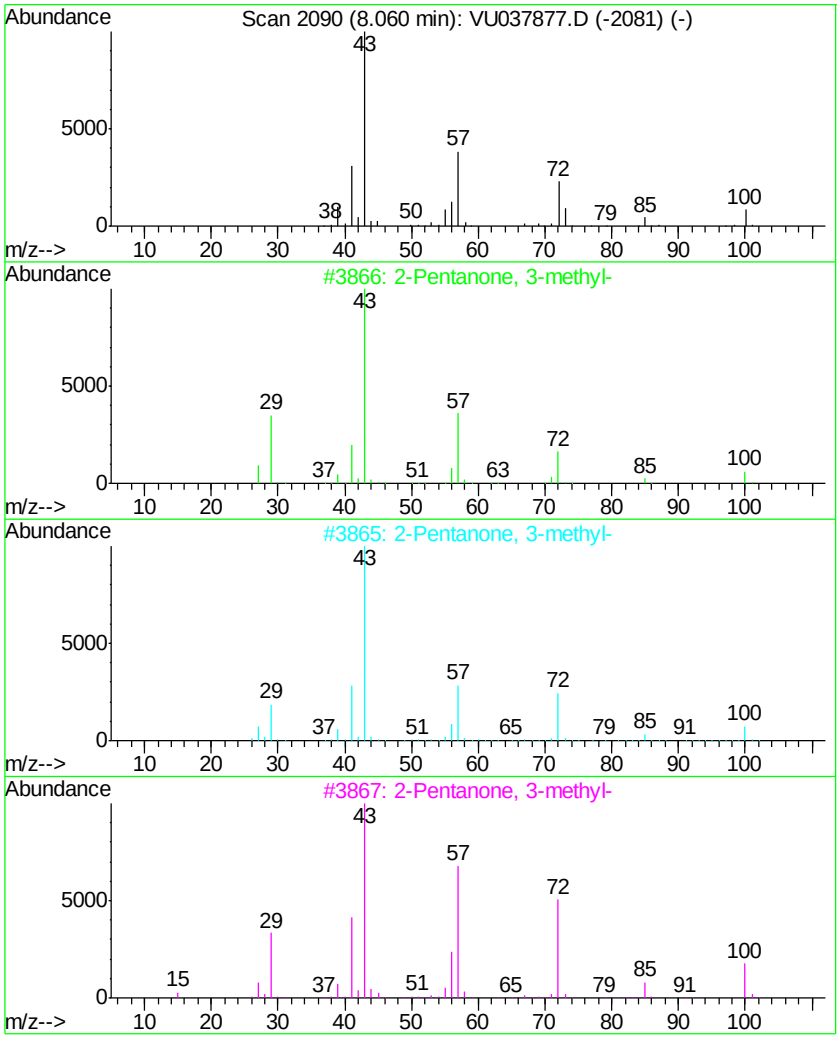
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

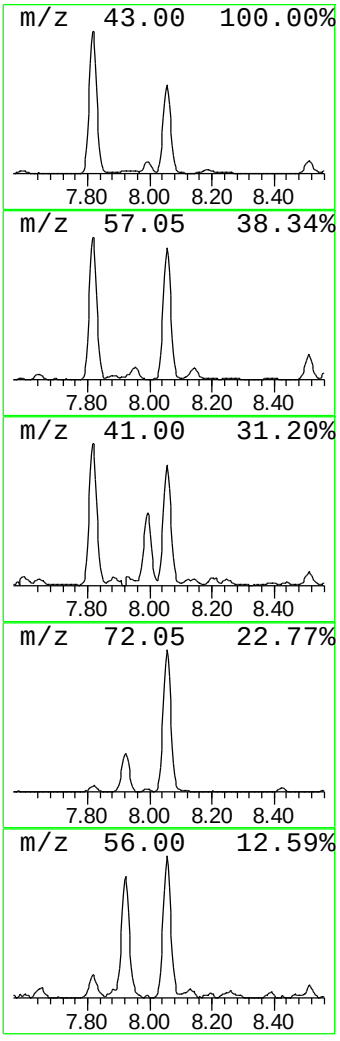
****

Peak Number 16 2-Pentanone, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	8.61 ug/L	322857	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	80
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	80
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	53
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	49
5	2-Hexanone	100	C6H12O	000591-78-6	47





Library Search Compound Report

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Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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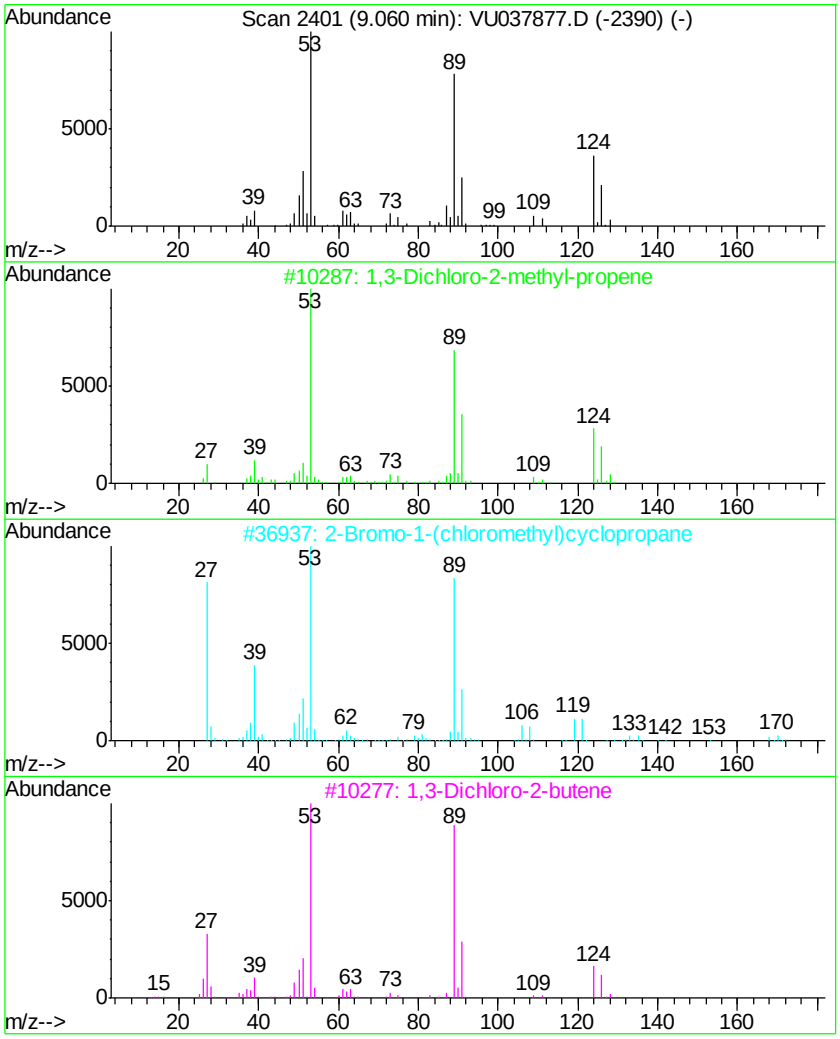
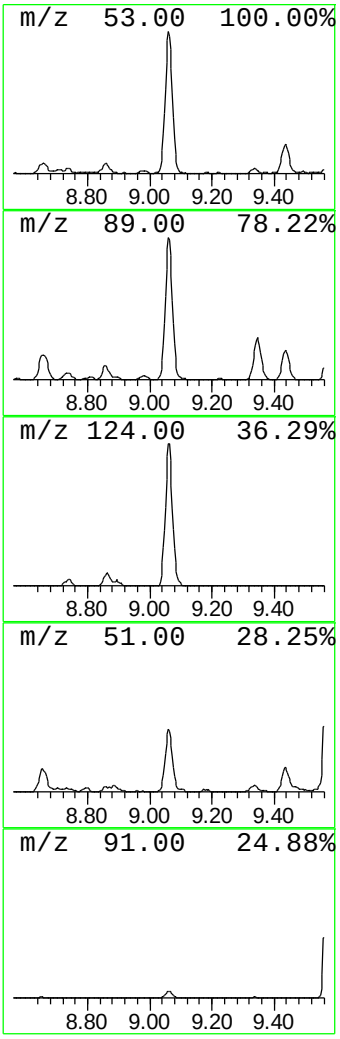
Peak Number 17 2-Bromo-1-(chloromethyl)cyc... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	4.22 ug/L	158224	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dichloro-2-methyl-propene	124	C4H6Cl2	1000194-02-2	91
2	2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	78
3	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	78
4	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	64
5	1-Chloro-2-methylenecyclopropane	88	C4H5Cl	070302-78-2	35





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Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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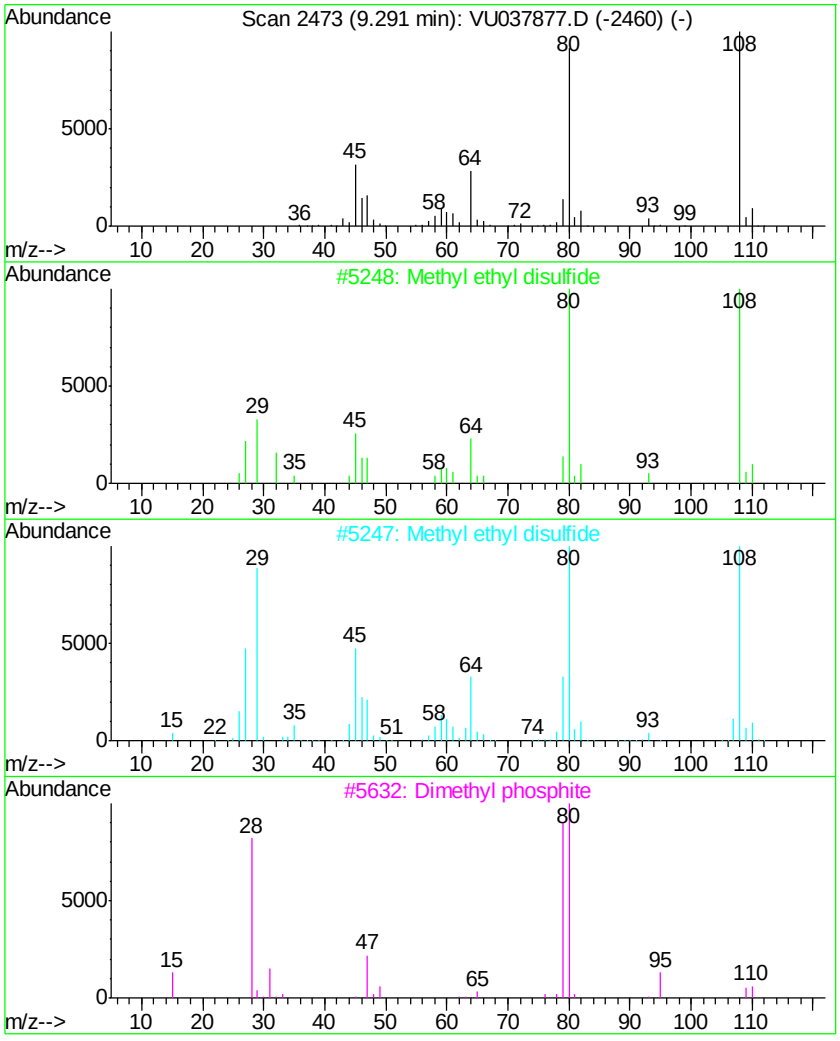
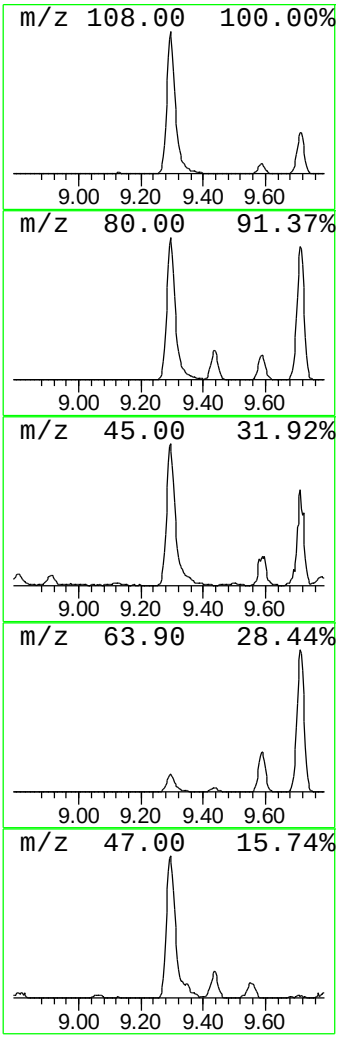
Peak Number 18 Methyl ethyl disulfide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	13.03 ug/L	488438	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl disulfide	108	C3H8S2	020333-39-5	91
2	Methyl ethyl disulfide	108	C3H8S2	020333-39-5	83
3	Dimethyl phosphite	110	C2H7O3P	000868-85-9	53
4	Nicotinyl alcohol	109	C6H7NO	000100-55-0	43
5	Sulfamic acid	97	H3NO3S	005329-14-6	42





Library Search Compound Report

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Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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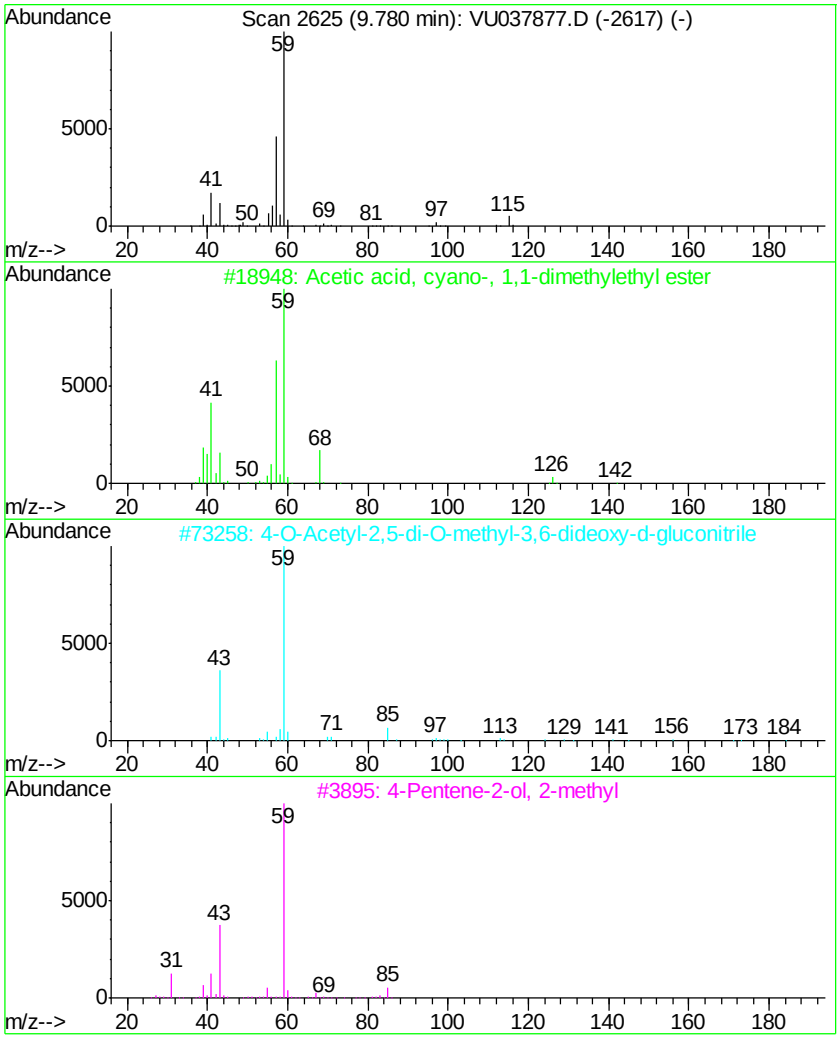
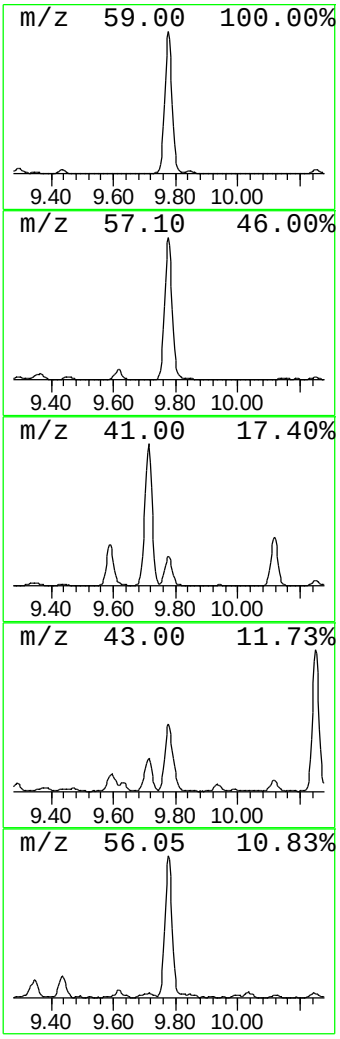
Peak Number 19 Acetic acid, cyano-, 1,1-di... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	18.73 ug/L	702430	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	56
2	4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1000101-80-3	38
3	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	36
4	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	9
5	2-Hexanol, methyl ether	116	C7H16O	1000333-92-0	9





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Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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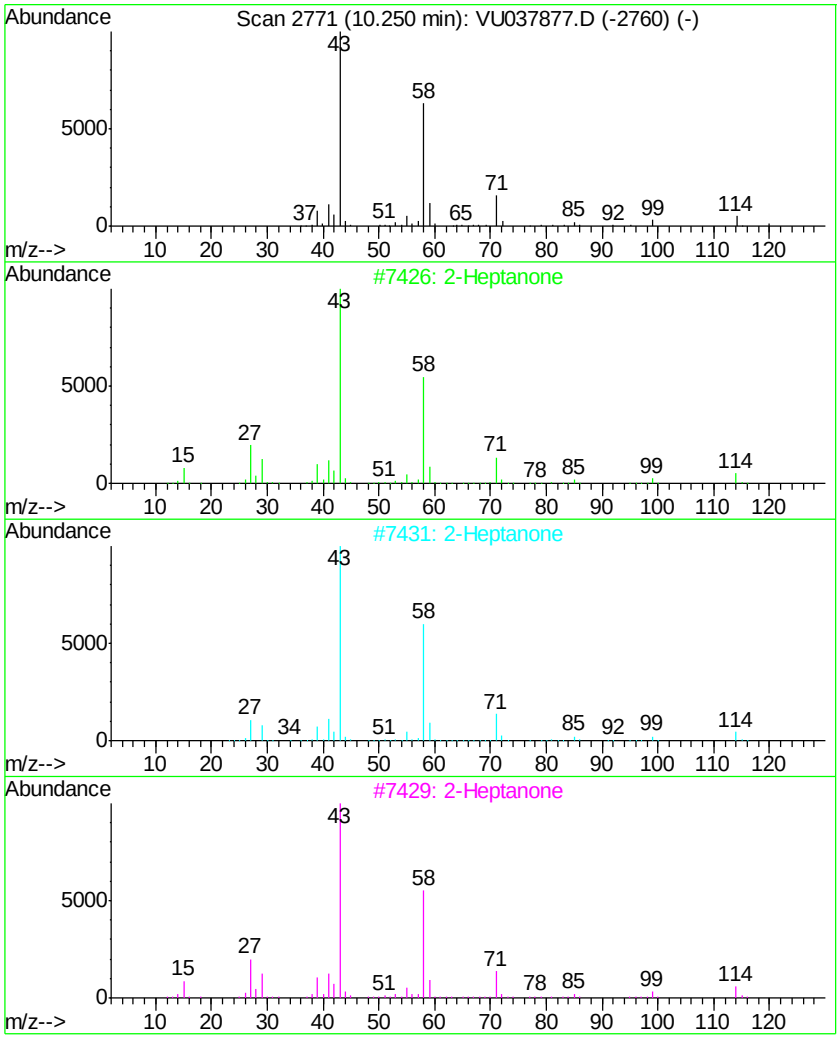
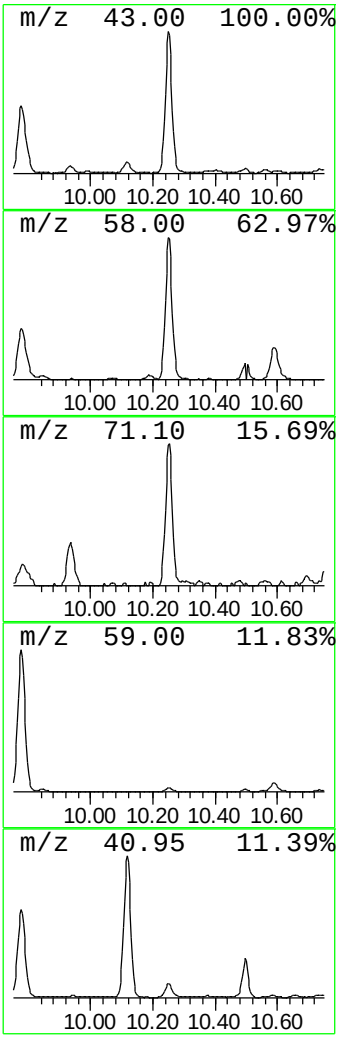
Peak Number 20 2-Heptanone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	4.49 ug/L	168399	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Heptanone	114	C7H14O	000110-43-0	91
3	2-Heptanone	114	C7H14O	000110-43-0	91
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	83
5	2-Heptanone	114	C7H14O	000110-43-0	80





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Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

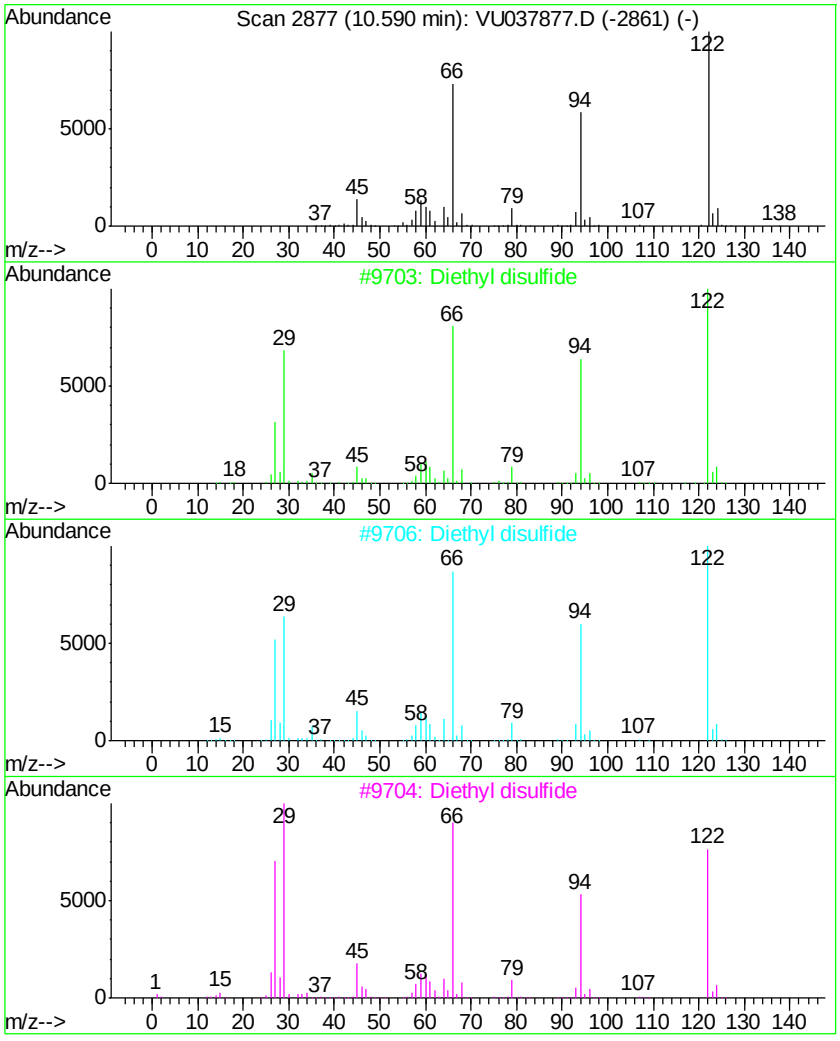
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

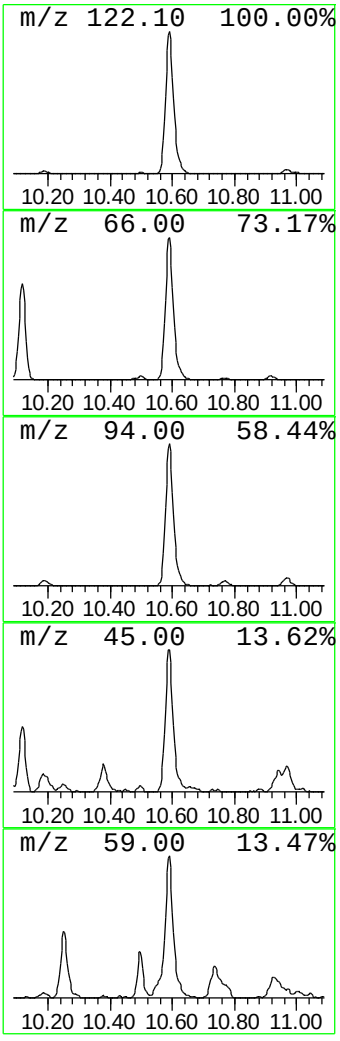
****

Peak Number 21 Diethyl disulfide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	14.56 ug/L	546130	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl disulfide	122	C4H10S2	000110-81-6	97
2	Diethyl disulfide	122	C4H10S2	000110-81-6	95
3	Diethyl disulfide	122	C4H10S2	000110-81-6	91
4	5-exo-Methyl-5-norbornenol	124	C8H12O	003212-13-3	50
5	Diethyl sulfone	122	C4H10O2S	000597-35-3	50





Library Search Compound Report

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Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

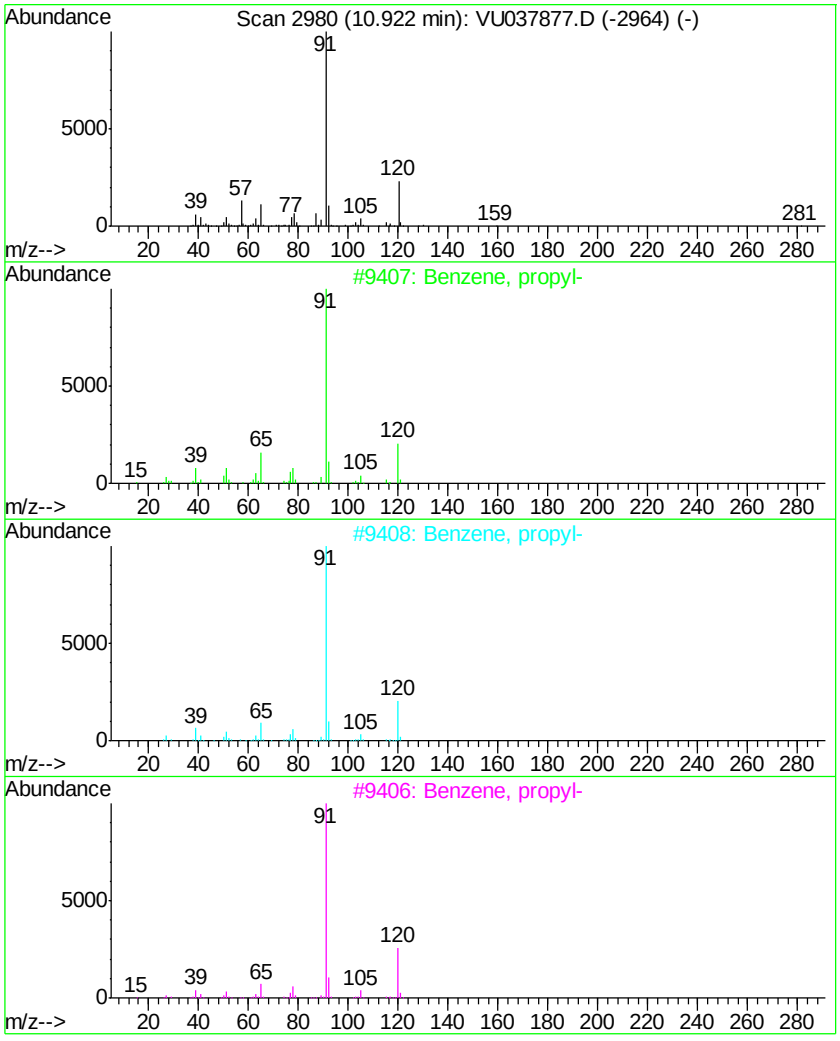
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

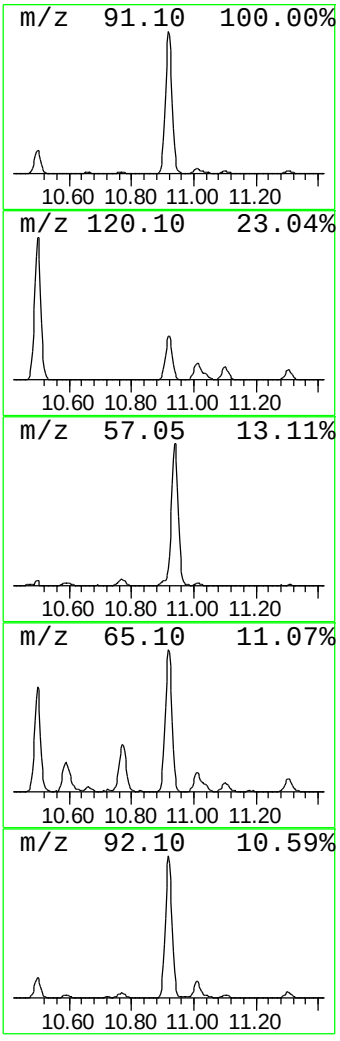
****

Peak Number 22 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	24.40 ug/L	950135	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	76
3	Benzene, propyl-	120	C9H12	000103-65-1	68
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	53





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Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

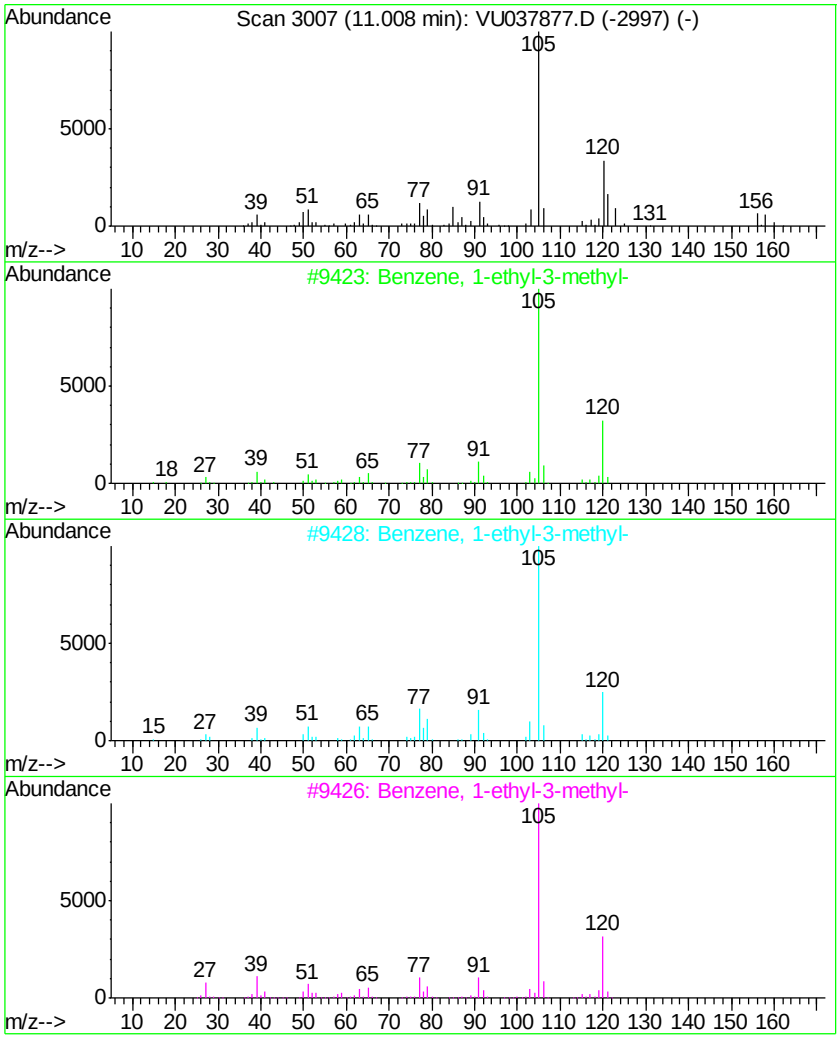
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

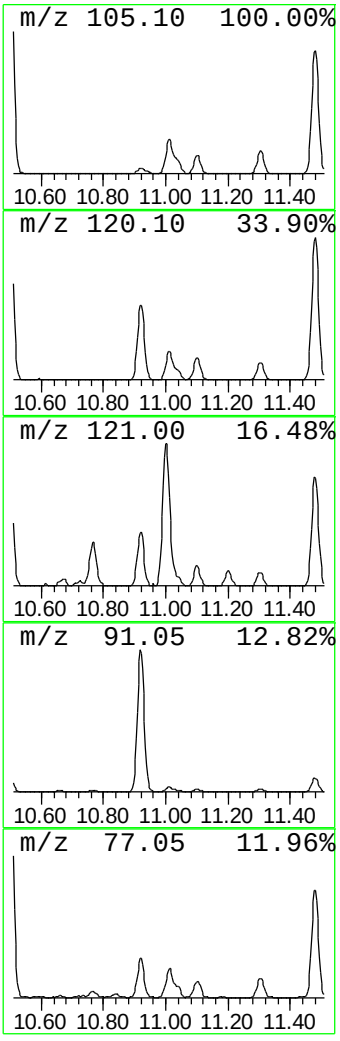
****

Peak Number 23 Benzene, 1-ethyl-3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	8.17 ug/L	318311	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60





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Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

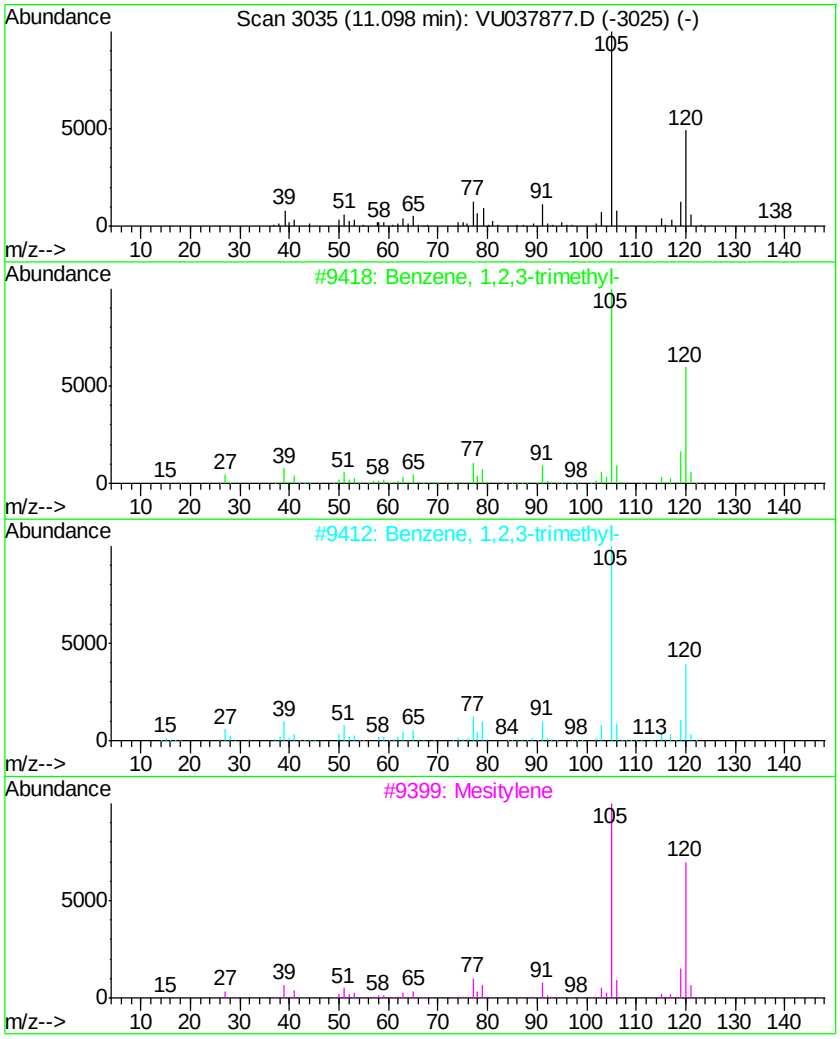
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

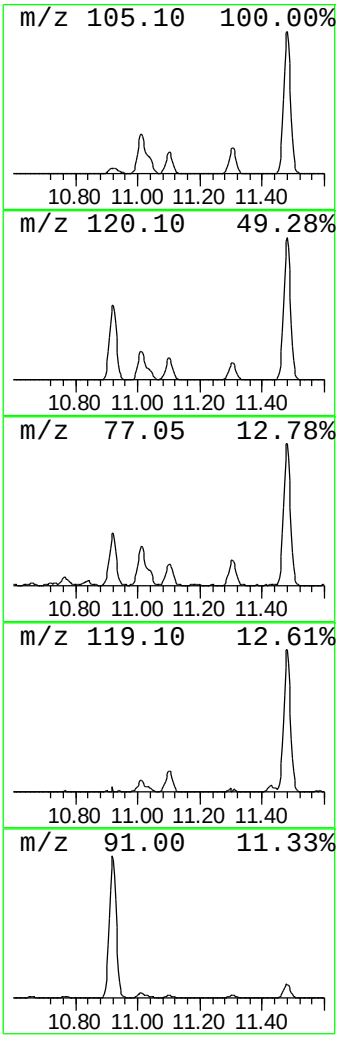
****

Peak Number 24 Benzene, 1,2,3-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.18 ug/L	123647	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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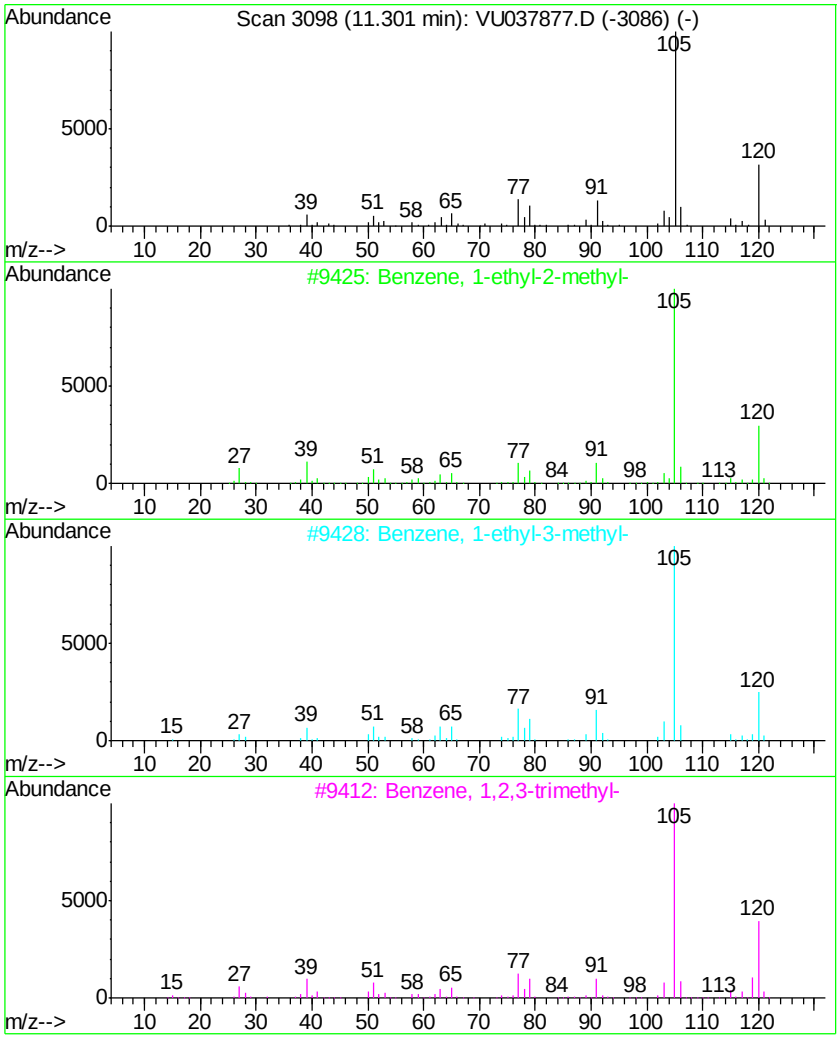
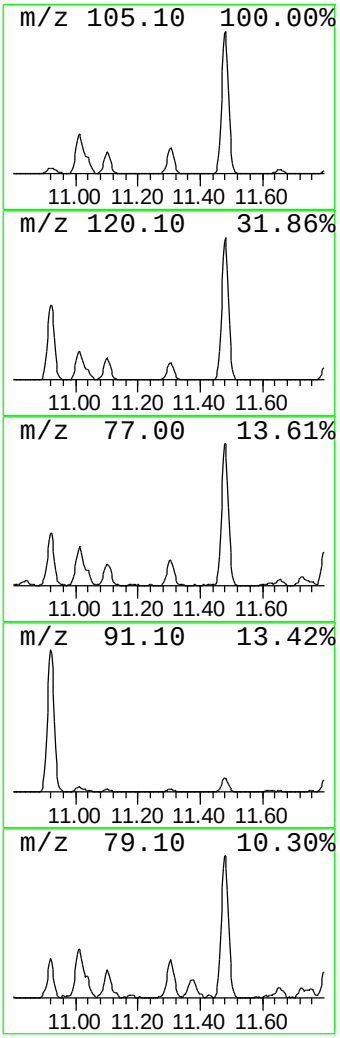
Peak Number 25 Benzene, 1-ethyl-2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.51 ug/L	136499	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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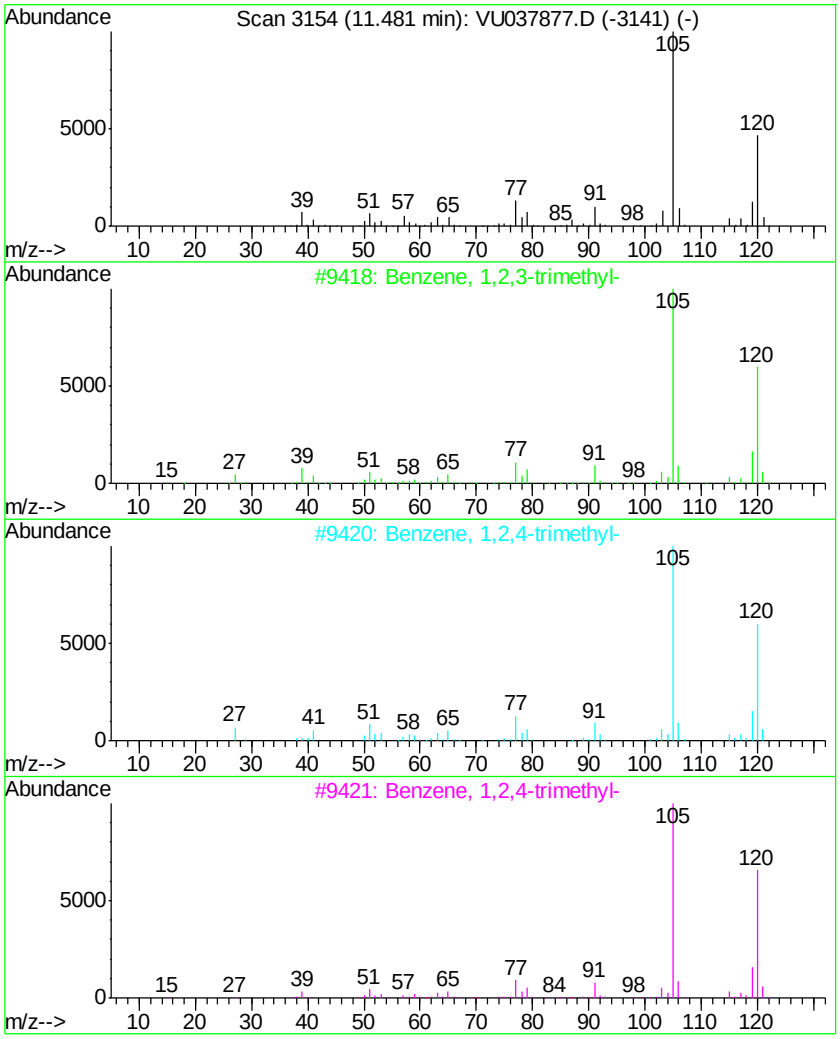
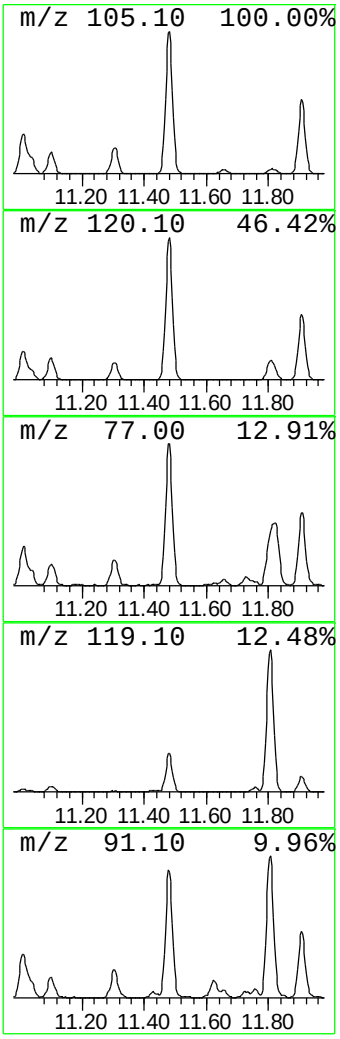
Peak Number 26 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	20.43 ug/L	795413	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Library Search Compound Report

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Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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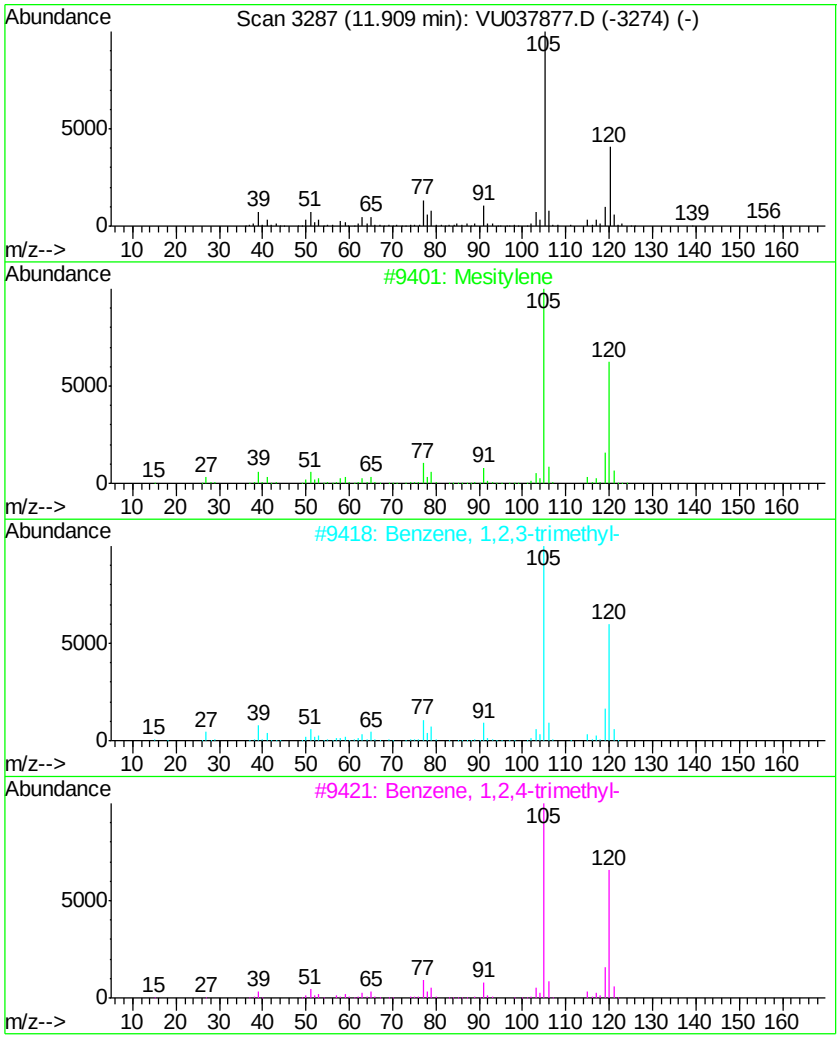
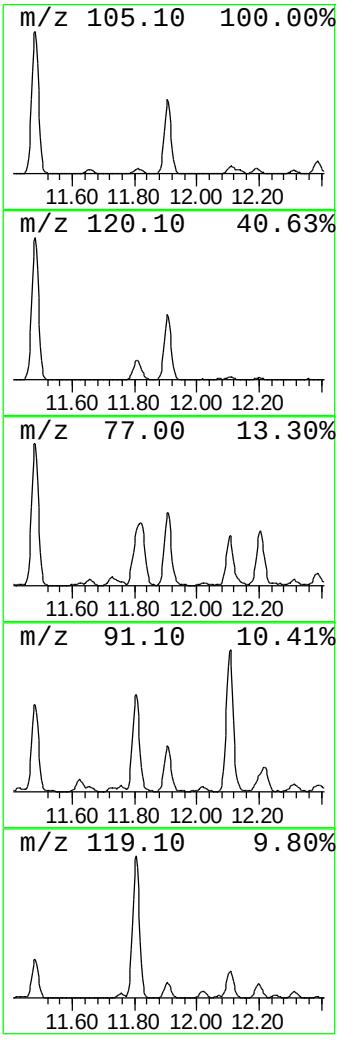
Peak Number 27 Mesitylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	11.60 ug/L	451642	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	90





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Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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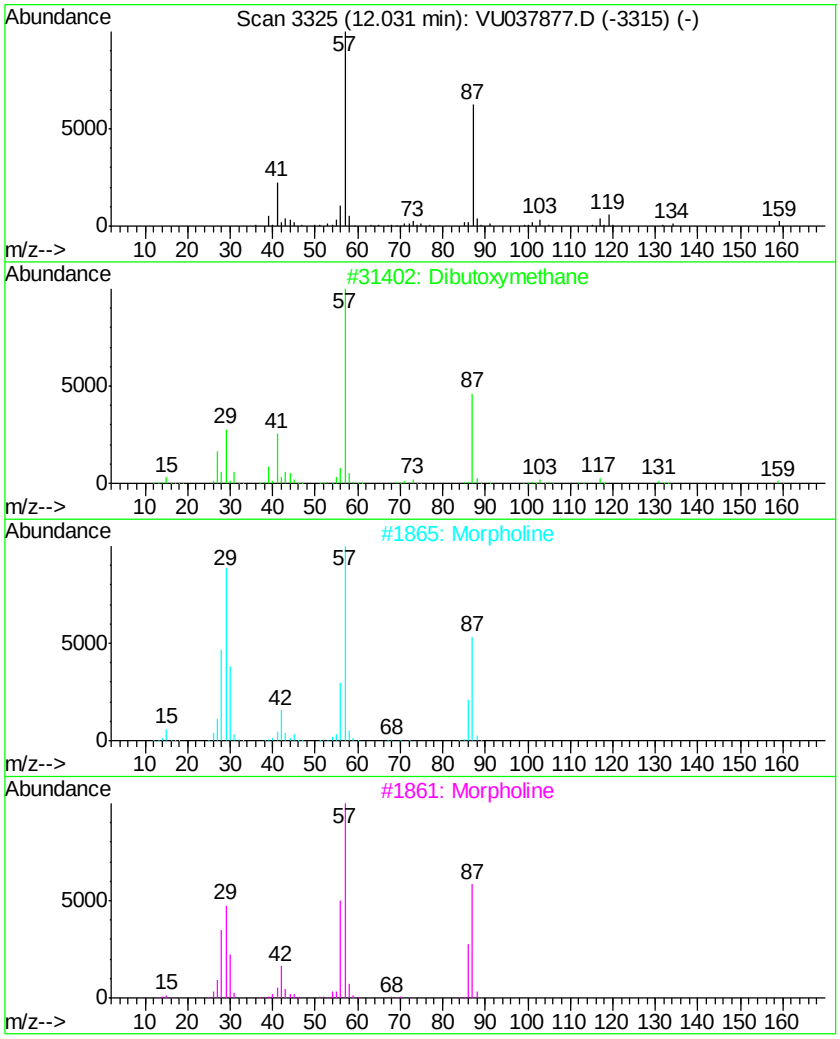
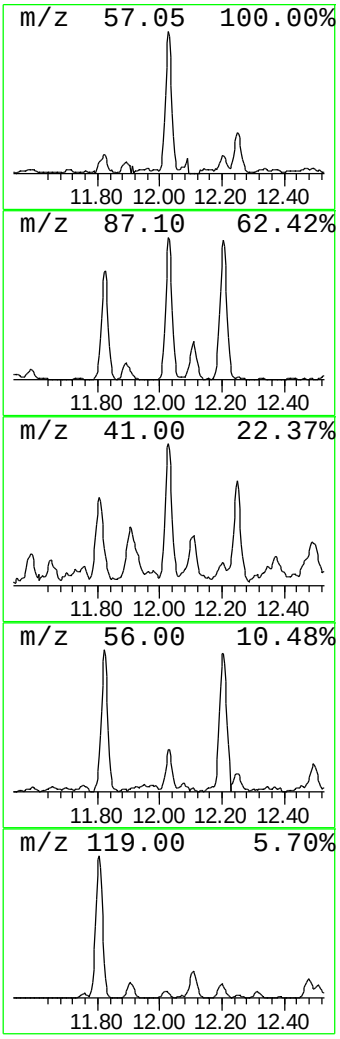
Peak Number 28 Dibutoxymethane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.16 ug/L	122939	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutoxymethane	160	C9H20O2	002568-90-3	72
2	Morpholine	87	C4H9NO	000110-91-8	50
3	Morpholine	87	C4H9NO	000110-91-8	50
4	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	50
5	Propane, 1,1'-[methylenebis(oxy)...	160	C9H20O2	002568-91-4	45





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Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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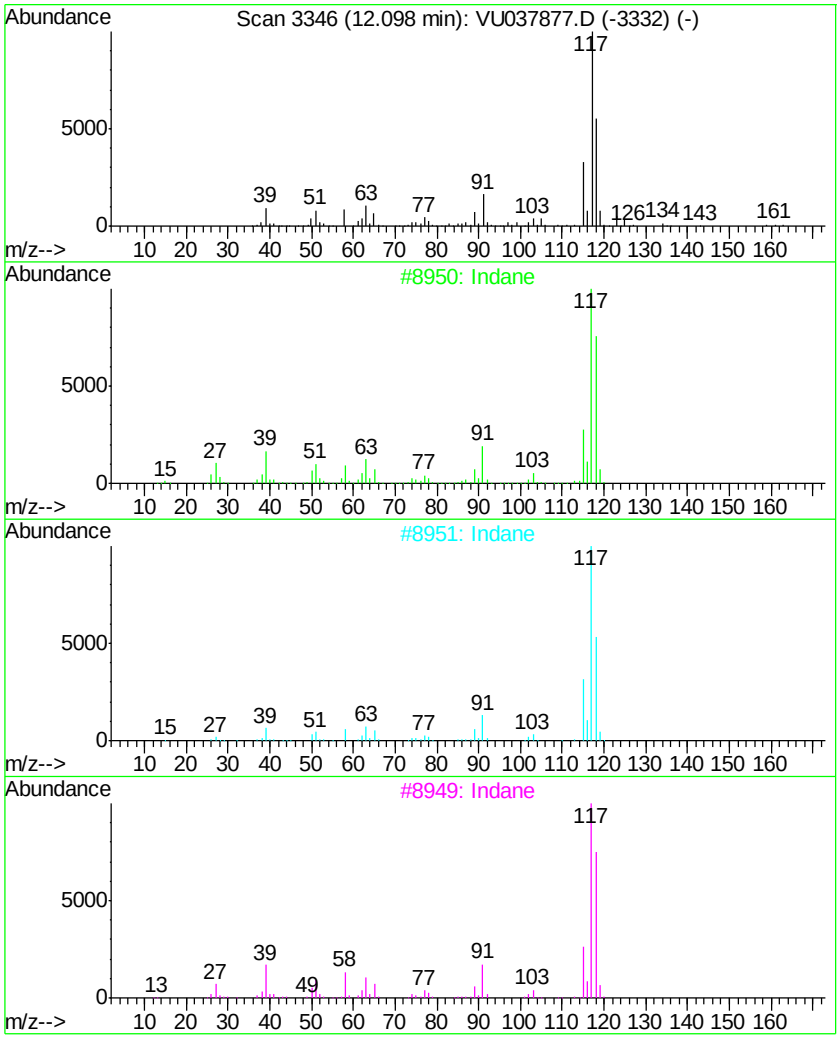
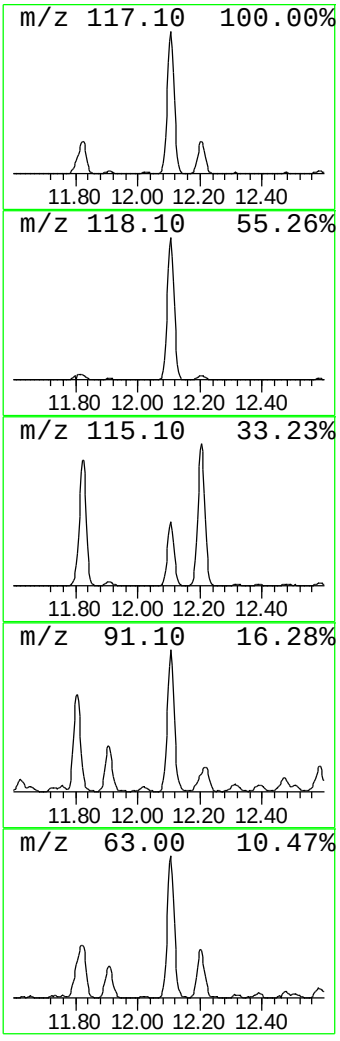
Peak Number 29 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	23.31 ug/L	907846	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





Library Search Compound Report

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Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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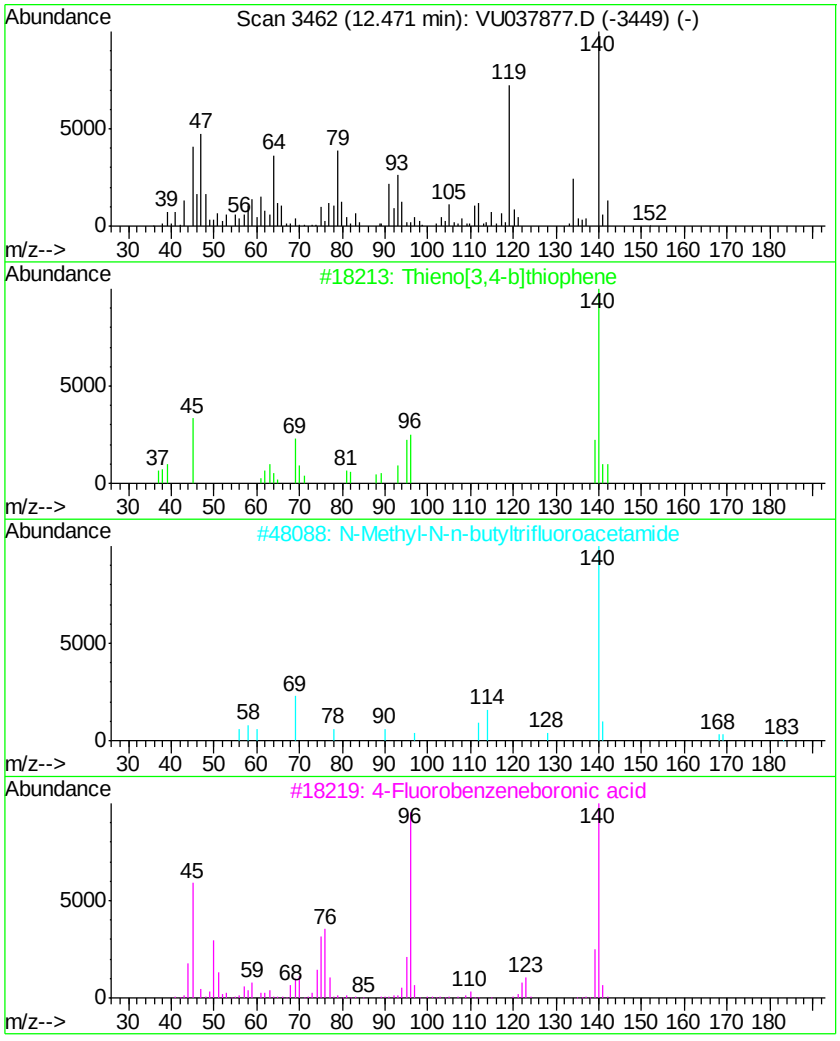
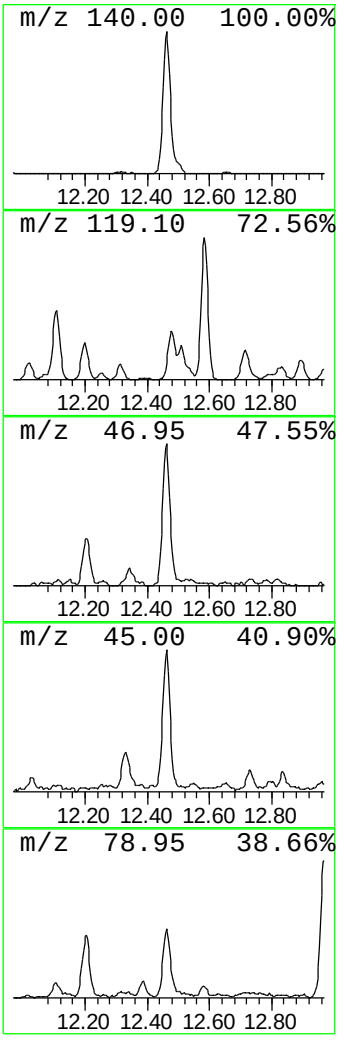
Peak Number 30 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	5.56 ug/L	216351	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thieno[3,4-b]thiophene	140	C6H4S2	000250-65-7	35
2	N-Methyl-N-n-butyltrifluoroaceta...	183	C7H12F3NO	038182-15-9	35
3	4-Fluorobenzeneboronic acid	140	C6H6BFO2	001765-93-1	27
4	Acetonitrile, (4-oxo-2-thiazolid...	140	C5H4N2OS	003364-82-7	16
5	S-Methyl methanethiosulfinate	110	C2H6OS2	013882-12-7	16





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Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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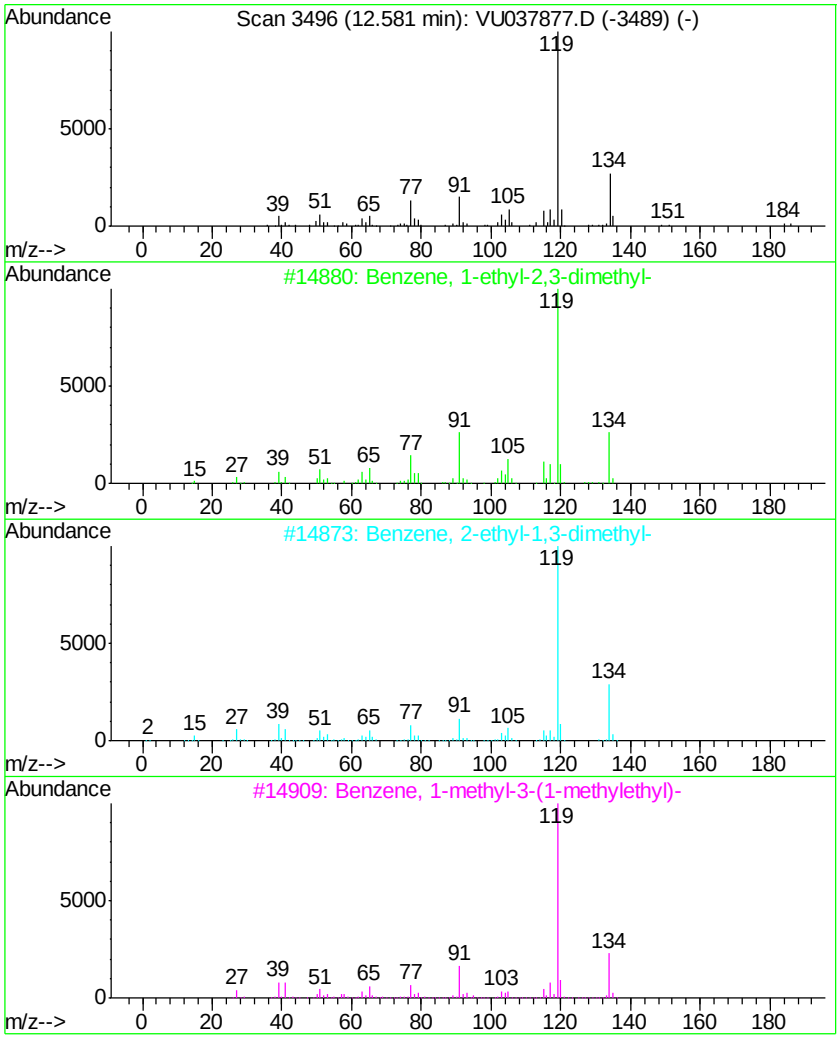
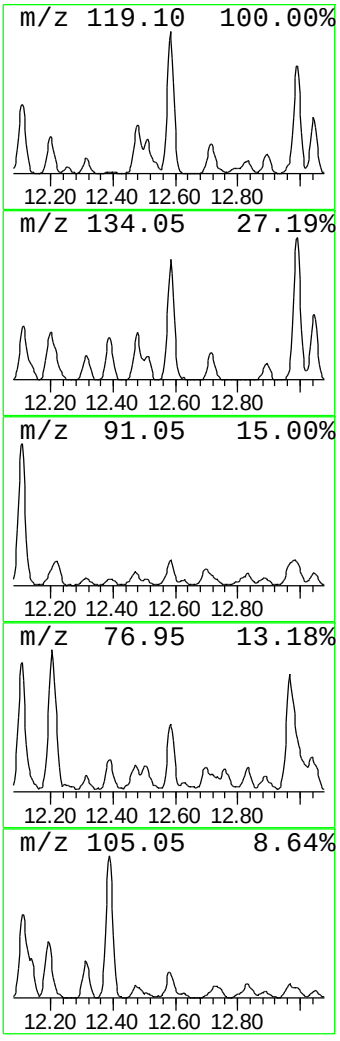
Peak Number 31 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.59 ug/L	100724	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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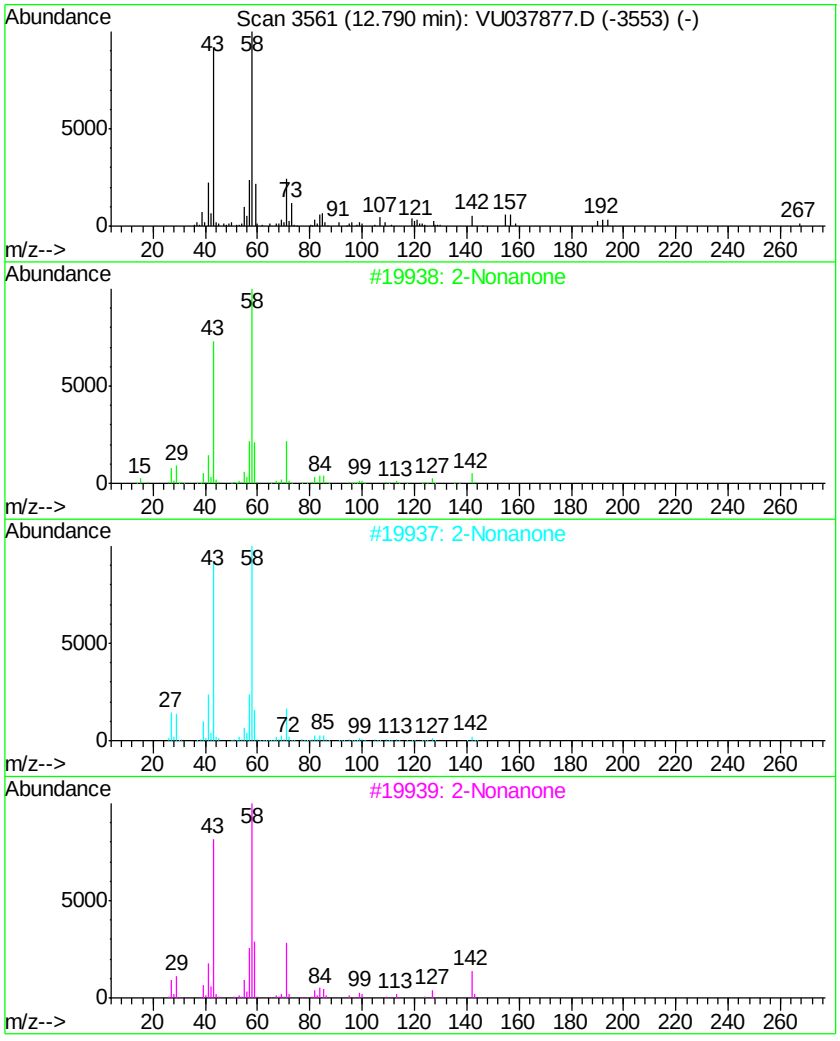
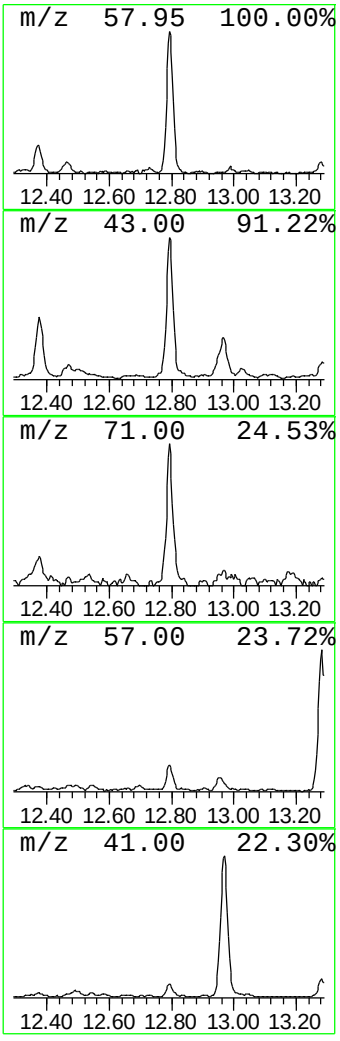
Peak Number 32 2-Nonanone Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.90 ug/L	112828	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	93
2	2-Nonanone	142	C9H18O	000821-55-6	81
3	2-Nonanone	142	C9H18O	000821-55-6	81
4	2-Undecanone	170	C11H22O	000112-12-9	64
5	2-Undecanone	170	C11H22O	000112-12-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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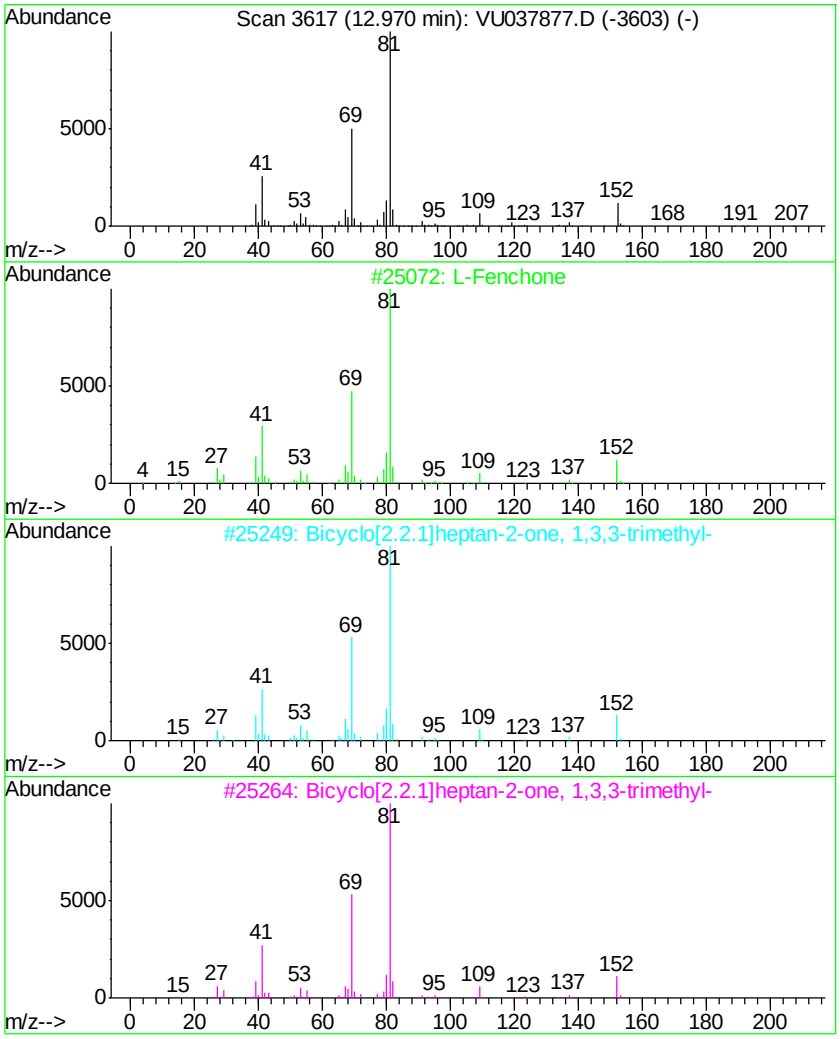
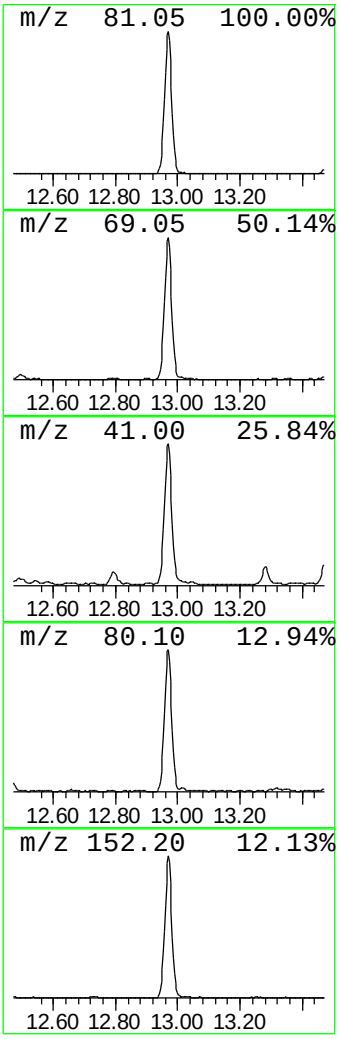
Peak Number 33 L-Fenchone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	26.60 ug/L	1035930	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Fenchone	152	C10H16O	007787-20-4	95
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
4	D-Fenchone	152	C10H16O	004695-62-9	94
5	L-Fenchone	152	C10H16O	007787-20-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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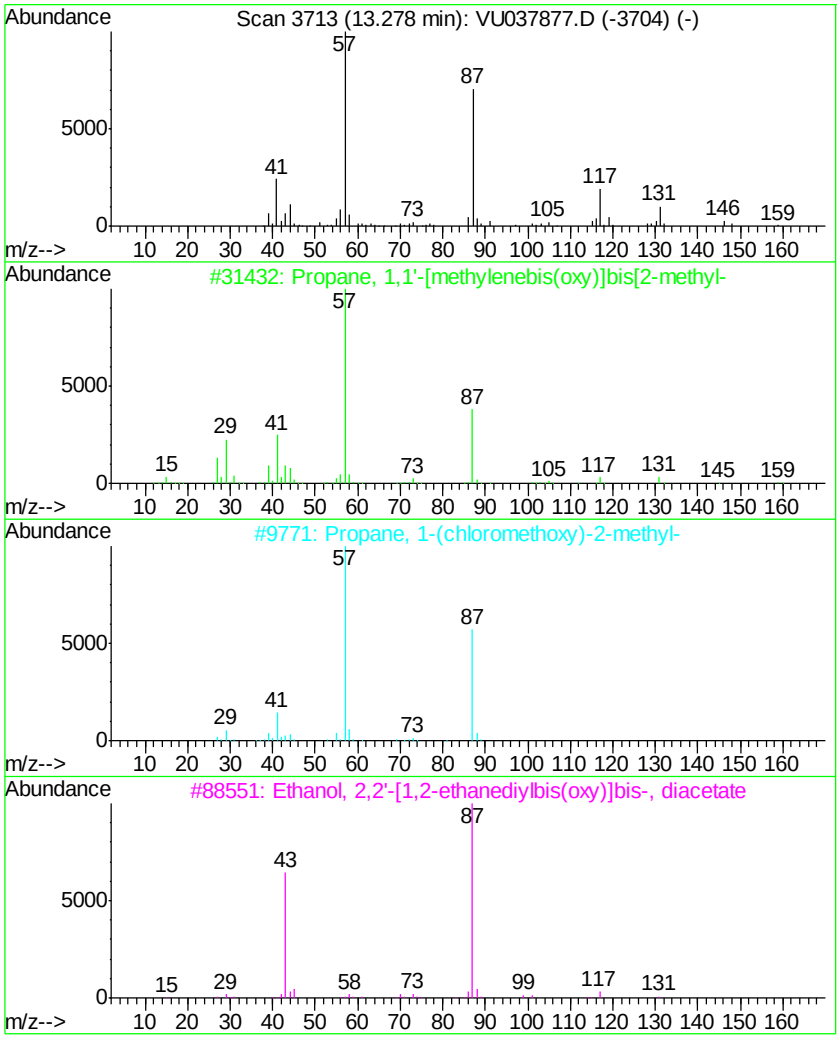
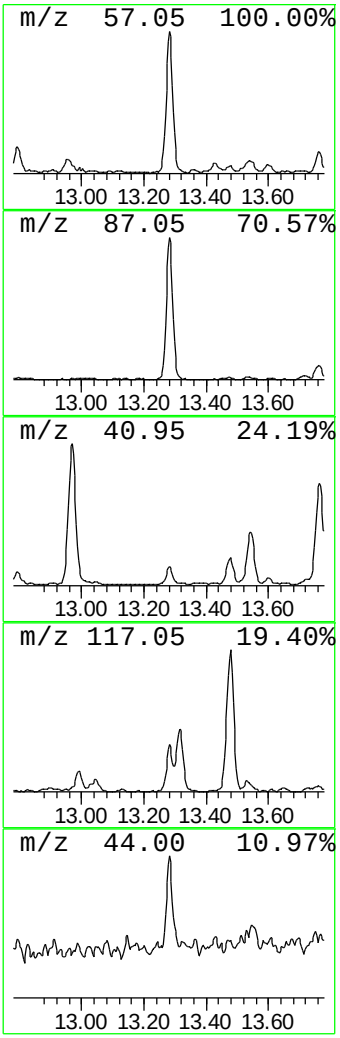
Peak Number 34 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.81 ug/L	109533	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1'-[methylenebis(oxy)...	160	C9H20O2	002568-91-4	43
2	Propane, 1-(chloromethoxy)-2-met...	122	C5H11ClO	034180-11-5	38
3	Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	37
4	Morpholine	87	C4H9NO	000110-91-8	32
5	2-[2-[2-[2-[2-[2-(2-Acetyloxyeth...	410	C18H34O10	1000351-90-7	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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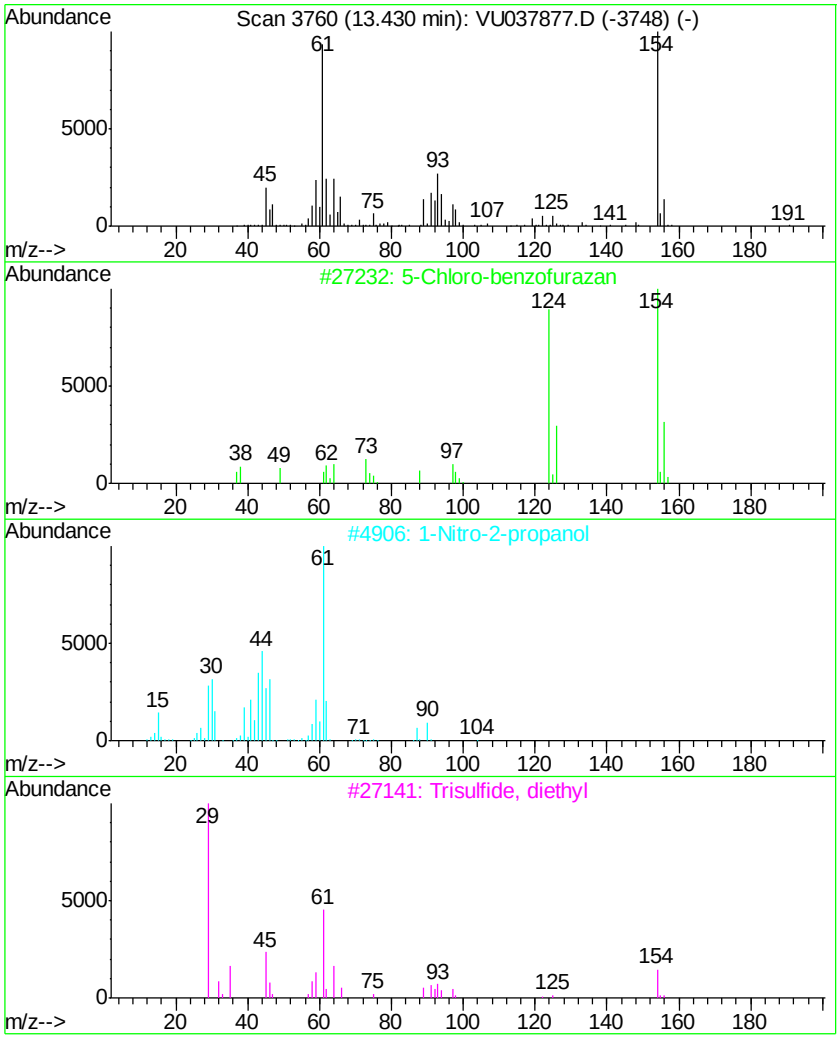
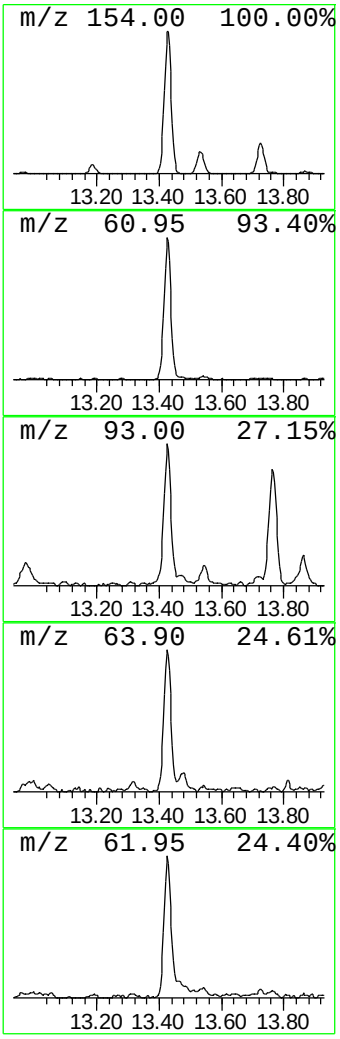
Peak Number 35 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	8.32 ug/L	324110	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chloro-benzofurazan	154	C6H3ClN2O	019155-86-3	37
2	1-Nitro-2-propanol	105	C3H7NO3	003156-73-8	25
3	Trisulfide, diethyl	154	C4H10S3	003600-24-6	25
4	Sulfide, sec-butyl cyclopentyl	158	C9H18S	007133-18-8	18
5	2,4-Dithiapentane	108	C3H8S2	001618-26-4	18





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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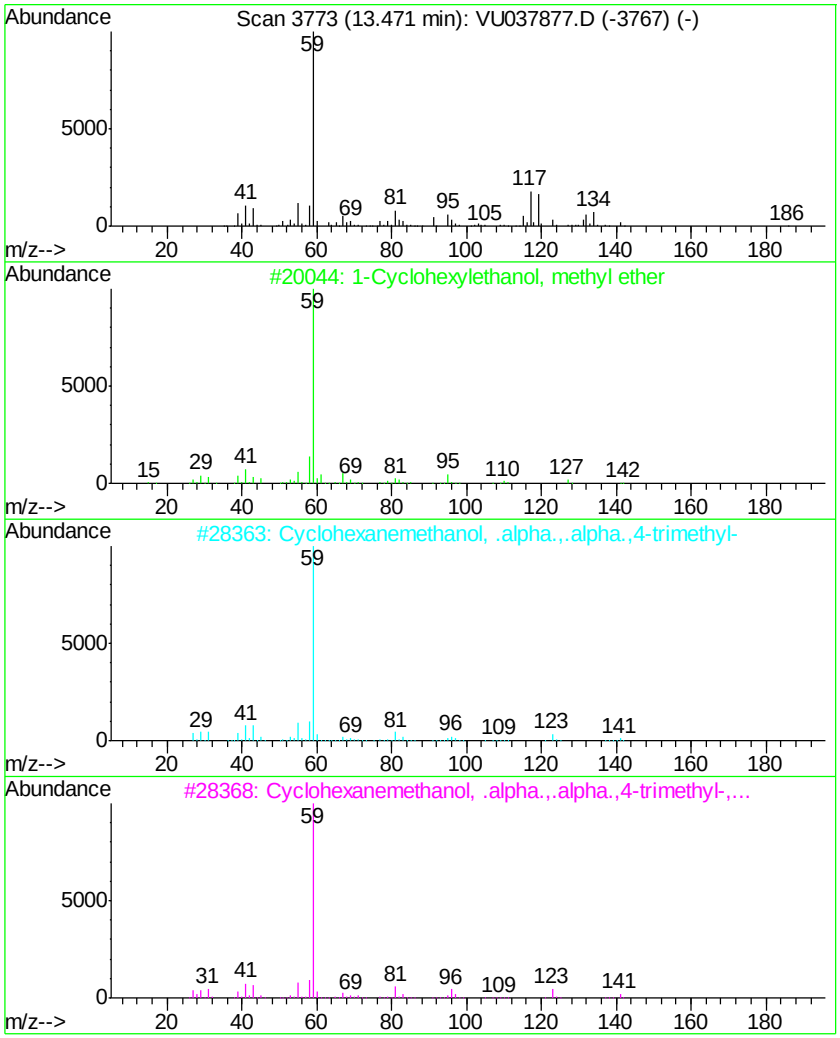
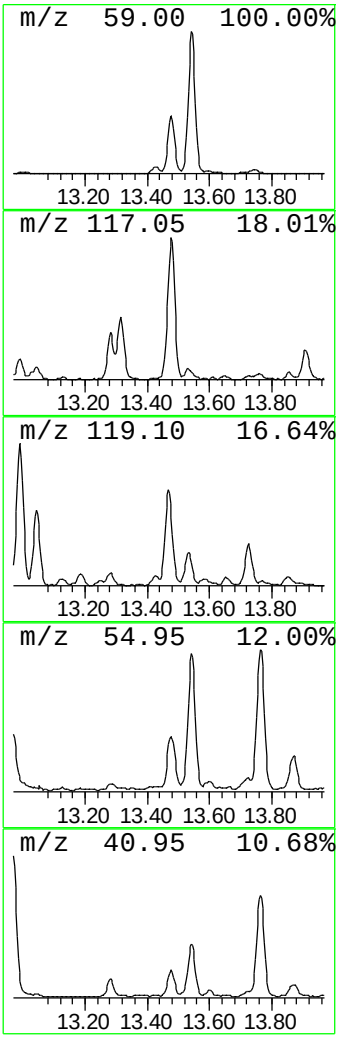
Peak Number 36 1-Cyclohexylethanol, methyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	10.02 ug/L	390183	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	58
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	53
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	53
4	o-Menthan-8-ol	156	C10H20O	343855-44-7	50
5	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042420\
Data File : VU037877.D
Acq On : 24 Apr 2020 17:33
Operator : JC/MD
Sample : L2395-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D96

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.37	2.7	ug/L	77466	1	6.28	1453240	50.0
(DEL) Alkane: Str...	1.75	11.9	ug/L	347466	1	6.28	1453240	50.0
1-Propene, 2-chloro-	2.18	2.6	ug/L	74568	1	6.28	1453240	50.0
2-Butyne	2.27	36.6	ug/L	1064990	1	6.28	1453240	50.0
Ethanethiol	2.50	3.5	ug/L	102505	1	6.28	1453240	50.0
Dimethyl sulfide	2.71	44.8	ug/L	1300960	1	6.28	1453240	50.0
Ethane, (methylth...	4.61	43.9	ug/L	1276010	1	6.28	1453240	50.0
Ethane, 1-bromo-2...	5.93	2.9	ug/L	84950	1	6.28	1453240	50.0
2-Pentanone	6.19	5.4	ug/L	157732	1	6.28	1453240	50.0
(DEL) Alkane: Str...	6.83	8.4	ug/L	245596	1	6.28	1453240	50.0
1,3-Dichloro-2-me...	7.28	3.6	ug/L	105259	1	6.28	1453240	50.0
Disulfide, dimethyl	7.70	2.7	ug/L	79089	1	6.28	1453240	50.0
2-Pentanone, 3-me...	8.06	8.6	ug/L	322857	2	9.44	1874880	50.0
2-Bromo-1-(chloro...	9.06	4.2	ug/L	158224	2	9.44	1874880	50.0
Methyl ethyl disu...	9.29	13.0	ug/L	488438	2	9.44	1874880	50.0
Acetic acid, cyan...	9.78	18.7	ug/L	702430	2	9.44	1874880	50.0
2-Heptanone	10.25	4.5	ug/L	168399	2	9.44	1874880	50.0
Diethyl disulfide	10.59	14.6	ug/L	546130	2	9.44	1874880	50.0
Benzene, propyl-	10.92	24.4	ug/L	950135	3	11.83	1947160	50.0
Benzene, 1-ethyl-...	11.01	8.2	ug/L	318311	3	11.83	1947160	50.0
Benzene, 1,2,3-tr...	11.10	3.2	ug/L	123647	3	11.83	1947160	50.0
Benzene, 1-ethyl-...	11.30	3.5	ug/L	136499	3	11.83	1947160	50.0
Benzene, 1,2,4-tr...	11.48	20.4	ug/L	795413	3	11.83	1947160	50.0
Mesitylene	11.91	11.6	ug/L	451642	3	11.83	1947160	50.0
Dibutoxymethane	12.03	3.2	ug/L	122939	3	11.83	1947160	50.0
Indane	12.10	23.3	ug/L	907846	3	11.83	1947160	50.0
unknown-01	12.47	5.6	ug/L	216351	3	11.83	1947160	50.0
Benzene, 1-ethyl-...	12.58	2.6	ug/L	100724	3	11.83	1947160	50.0
2-Nonanone	12.79	2.9	ug/L	112828	3	11.83	1947160	50.0
L-Fenchone	12.97	26.6	ug/L	1035930	3	11.83	1947160	50.0
unknown-02	13.28	2.8	ug/L	109533	3	11.83	1947160	50.0
unknown-03	13.43	8.3	ug/L	324110	3	11.83	1947160	50.0
1-Cyclohexylethan...	13.47	10.0	ug/L	390183	3	11.83	1947160	50.0